

DIODES INC /DEL/  
Form 10-K  
March 11, 2016

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934  
For the fiscal year ended December 31, 2015

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF  
1934

For the transition period from            to            .

Commission file number: 002-25577

DIODES INCORPORATED

(Exact name of registrant as specified in its charter)

Delaware	95-2039518
(State or other jurisdiction	(I.R.S. Employer
of incorporation or organization)	Identification No.)

4949 Hedgcoxe Road, Suite 200

Plano, Texas	75024
(Address of principal executive offices)	(Zip Code)

Registrant's telephone number, including area code: (972) 987-3900

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Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common Stock, Par Value \$0.66 2/3	The NASDAQ Stock Market LLC

Securities registered pursuant to Section 12(g) of the Act:

None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes  No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes  No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes  No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§ 232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes  No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§ 229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes  No

The aggregate market value of the 38,376,884 shares of Common Stock held by non-affiliates of the registrant, based on the closing price of \$24.11 per share of the Common Stock on the Nasdaq Global Select Market on June 30, 2015, the last business day of the registrant's most recently completed second fiscal quarter, was approximately \$927,677,673.

The number of shares of the registrant's Common Stock outstanding as of February 23, 2016 was 48,296,613.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's definitive proxy statement to be filed with the United States Securities and Exchange Commission ("SEC") pursuant to Regulation 14A in connection with the 2016 annual meeting of stockholders are incorporated by reference into Part III of this Annual Report. The proxy statement will be filed with the SEC not later than 120 days after the registrant's fiscal year ended December 31, 2015.

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## PART I

### Item 1. Business.

#### GENERAL

We are a leading global manufacturer and supplier of high-quality, application-specific standard products within the broad discrete, logic, analog and mixed-signal semiconductor markets, serving the consumer electronics, computing, communications, industrial and automotive markets. Our primary focus is on low pin count semiconductor devices with one or more active or passive components. Our products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, single gate, dual gate and standard logic, amplifiers and comparators, Hall-effect and temperature sensors, power management devices, including LED drivers, AC-DC and DC-DC switching, linear voltage regulators, and voltage references along with special function devices, such as USB power switches, load switches, voltage supervisors, and motor controllers. Our products are sold primarily throughout Asia, North America and Europe.

We design, manufacture and market these semiconductors for diverse end-use applications. Semiconductors, which provide electronic signal amplification and switching functions, are basic building-blocks that are incorporated into almost every electronic device. We believe that our focus on application-specific standard products utilizing innovative, highly efficient packaging and cost-effective process technologies, coupled with our collaborative, customer-focused product development, gives us a meaningful competitive advantage relative to other semiconductor companies.

Our product portfolio addresses the design needs of advanced electronic equipment, including high-volume consumer electronic devices such as digital media players, smartphones, tablets, notebook computers, flat-panel displays, mobile handsets, digital cameras and set-top boxes. We believe that we have particular strength in designing innovative, highly power efficient semiconductors in miniature packaging for applications with a critical need to minimize product size while maximizing power density and overall performance, and at a lower cost than alternative solutions. Our product line includes over 10,000 products, and we shipped approximately 40 billion units, 44 billion units, and 41 billion units in 2015, 2014 and 2013, respectively. From 2010 to 2015, our net sales grew from \$613 million to \$849 million, representing a compound annual growth rate of greater than 6%.

We serve over 250 direct customers worldwide, which consist of original equipment manufacturers (“OEM”) and electronic manufacturing services (“EMS”) providers. Additionally, we have approximately 150 distributor customers worldwide, through which we indirectly serve over 50,000 customers.

We were incorporated in 1959 in California and reincorporated in Delaware in 1968. Our headquarters and sales office are located in Plano, Texas. Our design, marketing and engineering centers are located in Plano; Milpitas, California; San Jose, California; Taipei, Taiwan; Taoyuan city, Taiwan; Zhubei City, Taiwan; Jinan, China; Manchester, United Kingdom (“U.K.”); and Neuhaus, Germany. We have two wafer fabrication facilities in Shanghai, China, one in Kansas City, Missouri, one in Manchester and one in Jinan. We also have assembly and test facilities located in Shanghai, Jinan, Chengdu, and Yangzhou, China as well as assembly and test facilities located in Hong Kong, Neuhaus and in Taipei. Additional engineering, sales, warehouse and logistics offices are located in Taipei; Hsinchu, Taiwan; Hong Kong; Manchester; Shanghai; Shenzhen, China; Seongnam-si, South Korea and Munich, Germany, with support offices located throughout the world.

#### BUSINESS OUTLOOK

Looking forward, we remain focused on achieving our goal of \$1 billion in annual revenue with model gross margins of 35%. Acquisitions remain a key part of our growth strategy to reach our revenue goal. We have a solid pipeline of designs and expanded customer relationships across all regions and product lines. The success of our business depends on, among other factors, the strength of the global economy and the stability of the financial markets, our customers' demand for our products, the ability of our customers to meet their payment obligations, the likelihood of customers not canceling or deferring existing orders, and the strength of consumers' demand for items containing our products in the end-markets we serve. We believe the long-term outlook for our business remains generally favorable despite the uncertainties in the global economy as we continue to execute on the strategy that has proven successful for us over the years. See "Management's Discussion and Analysis of Financial Condition and Results of Operations - Business Outlook" in Part II, Item 7 and "Risk Factors – The success of our business depends on the strength of the global economy and the stability of the financial markets, and any weaknesses in these areas may have a material adverse effect on our net sales, operating results and financial condition." in Part I, Item 1A of this Annual Report for additional information.

#### PERICOM ACQUISITION

On November 24, 2015, we completed our acquisition of Pericom Semiconductor Corporation ("Pericom"). For the fiscal year ended June 27, 2015, Pericom reported net revenues of \$128.8 million and net income of \$11.8 million. Pericom designs, develops and markets high-performance integrated circuits ("ICs") and frequency control products ("FCPs") used in many of today's advanced

electronic systems. ICs include functions that support the connectivity, timing and signal conditioning of high-speed parallel and serial protocols that transfer data among a system's microprocessor, memory and various peripherals, such as displays and monitors, and between interconnected systems. FCPs are electronic components that provide frequency references such as crystals and oscillators for computer, communication and consumer electronic products. Analog, digital and mixed-signal ICs, together with FCPs enable higher system bandwidth and signal quality, resulting in better operating reliability, signal integrity, and lower overall system cost in applications such as notebook computers, servers, network switches and routers, storage area networks, digital TVs, cell phones, GPS and digital media players.

Pursuant to the Agreement and Plan of Merger dated as of September 2, 2015 (the "Merger Agreement"), as amended on November 6, 2015, by Amendment No. 1 (the "Merger Agreement Amendment"), each outstanding share of common stock, without par value, of Pericom (other than shares owned by Pericom or certain of its affiliates or shares held by Pericom shareholders who have perfected their appraisal rights in accordance with applicable California law) was automatically converted into the right to receive \$17.75 in cash per share, without interest. The aggregate consideration was approximately \$403.2 million including the value of Pericom equity awards paid out or converted to Diodes equity awards pursuant to the Merger Agreement and the Merger Agreement Amendment. The aggregate consideration resulted in \$54.3 million of goodwill. These preliminary amounts are subject to adjustment.

## SEGMENT INFORMATION AND ENTERPRISE-WIDE DISCLOSURES

For financial reporting purposes, we operate in a single segment, standard semiconductor products, through our various design, manufacturing and distribution facilities. We sell product primarily through our operations in Asia, North America and Europe. We aggregate our products in a single segment because the products have similar economic characteristics, are similar in production process and manufacturing flow, and share the same customers and target end-equipment markets. See Note 14 of "Notes to Consolidated Financial Statements" of this Annual Report for addition information.

## OUR INDUSTRY

Semiconductors are critical components used in the manufacture of a broad range of electronic products and systems. Since the invention of the transistor in 1948, continuous improvements in semiconductor processes and design technologies have led to smaller, more complex and more reliable devices at a lower cost per function. The availability of low-cost semiconductors, together with increased customer demand for sophisticated electronic systems, has led to the proliferation of semiconductors in diverse end-use applications.

## OUR COMPETITIVE STRENGTHS

We believe our competitive strengths include the following:

Flexible, scalable and cost-effective manufacturing – Our manufacturing operations are a core element of our success, and we have designed our manufacturing base to allow us to respond quickly to changes in demand trends in the end-markets we serve. For example, we have structured our assembly and test facilities to enable us to rapidly and efficiently add capacity and adjust product mix to meet shifts in customer demand and overall market trends. As a result, we have historically operated our Shanghai manufacturing facilities at near full capacity, while at the same time expanding that capacity to meet our growth objectives. In 2011, we established an additional manufacturing facility for semiconductor assembly and test in Chengdu, China, which became fully production capable during the second half of 2015. Additionally, the Shanghai and Chengdu locations of our manufacturing operations provide us with access to a workforce at a relatively low overall cost base while enabling us to better serve our leading customers, many of which are located in Asia. In 2012, we acquired approximately 51% of the outstanding common stock of Eris Technology Corporation ("Eris"), primarily to obtain its automatic manufacturing capabilities in assembly and test for various diode products. In 2013, we acquired BCD, which has in-house manufacturing capabilities in China, as well as

a cost-effective development team that can be deployed across multiple product families. See “Risk Factors—During times of difficult market conditions, our fixed costs combined with lower net sales and lower profit margins may have a negative impact on our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

Integrated packaging expertise – Our expertise in designing and manufacturing innovative and proprietary packaging solutions enables us to package a variety of different device functions into an assortment of packages ranging from miniature chip-scale packaging to packages that integrate multiple separate discrete and/or analog chips into a single semiconductor product called an array. Our ability to design and manufacture multi-chip semiconductor solutions as well as advanced integrated devices provides our customers with products of equivalent functionality with fewer individual parts, and at lower overall cost, than alternative products. This combination of integration, functionality and miniaturization makes our products well suited for high-volume consumer electronic devices such as LED televisions, LCD panels, set-top boxes and consumer portables such as smartphones, tablets and notebooks.

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Broad customer base and diverse end-markets – Our customers are comprised of leading OEMs as well as major EMS providers. Overall, we serve over 250 direct customers worldwide and over 50,000 additional customers through our distributors. Our products are ultimately used in end-products in a number of markets served by our broad customer base, which we believe makes us less susceptible to market fluctuations driven by either specific customers or specific end-user applications.

Customer focused product development – Effective collaboration with our customers and a commitment to customer service are essential elements of our business. We believe focusing on dependable delivery and support tailored to specific end-user applications has fostered deep customer relationships and created a key competitive advantage for us in the highly fragmented discrete, logic and analog semiconductor marketplace. We believe our close relationships with our customers have provided us with keener insight into our customers’ product needs. This results in a stronger demand for our product designs and often provides us with insight into additional opportunities for new design wins in our customers’ products. See “Risk Factors - We are and will continue to be under continuous pressure from our customers and competitors to reduce the price of our products, which could adversely affect our growth and profit margins” in Part I, Item 1A of this Annual Report for additional information.

Management experience – The members of our executive team average over 30 years of industry experience, and the length of their service has created significant institutional insight into our markets, our customers and our operations. See “Risk Factors—We may fail to attract or retain the qualified technical, sales, marketing, finance and management personnel required to operate our business successfully, which could adversely affect our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

## OUR STRATEGY

Our strategy is to continue to enhance our position as a leading global designer, manufacturer and supplier of high-quality application-specific standard semiconductor products, utilizing our innovative and cost-effective assembly and test (packaging) technology and leveraging our process expertise and design excellence to achieve above-market profitable growth.

The principal elements of our strategy include the following:

Continue to rapidly introduce innovative discrete, logic and analog semiconductor products – We intend to maintain our rapid pace of new product introductions, especially for high-volume, high-growth applications with short design cycles, such as LCD and LED televisions and panels, set-top boxes, portables such as smartphones, tablets and notebooks along with other consumer electronics and computing devices, as well as added emphasis on products for the LED lighting market and the industrial and automotive markets. During 2015, we continued to achieve many significant new design wins at OEMs. Although a design win from a customer does not necessarily guarantee future sales to that customer, we believe that continued introduction of new and well-defined product solutions is critically important in maintaining and extending our market share in the highly competitive semiconductor marketplace. See “Risk Factors – Obsolete inventories as a result of changes in demand for our products and change in life cycles of our products could adversely affect our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

Expand our available market opportunities – We believe we have many paths to increasing our addressable market opportunity. From a product perspective, we intend to continue expanding our product portfolio by developing derivative and enhanced performance devices that target adjacent markets and end-equipment. We will continue to cultivate new and emerging customers within our targeted markets, further increasing our already broad customer base. As we focus on new customers, we try to expand our product portfolio penetration within these new, as well as existing, customers. As we expand our extensive range of high power efficiency and small form factor packages, we plan to introduce new and existing product functions in these new packages to allow an even greater market range.

Maintain intense customer focus – We intend to continue to strengthen and deepen our customer relationships. We believe that continued focus on customer service is important and will help to increase our net sales, operating performance and market share. To accomplish this, we intend to continue to closely collaborate with our customers to design products that meet their specific needs. A critical element of this strategy is to further reduce our design cycle time in order to quickly provide our customers with innovative products. Additionally, to support our customer-focused strategy, we continue to expand our sales force and field application engineers, particularly in Asia and Europe, during periods of growth. See “Risk Factors – We are and will continue to be under continuous pressure from our customers and competitors to reduce the price of our products, which could adversely affect our growth and profit margins.” in Part I, Item 1A of this Annual Report for additional information.

Enhance cost competitiveness – A key element of our success is our overall low-cost manufacturing base. While we believe that our Shanghai manufacturing facilities are among the most efficient in the industry, we will continue to refine our proprietary manufacturing processes and technology to achieve additional cost efficiencies. In 2011, we commenced the expansion of our capacity further by establishing an additional manufacturing facility for semiconductor assembly and test in Chengdu, China, that became fully

production capable in the second half of 2015. Historically, we attempt to operate our Shanghai facilities at near full utilization rates in order to achieve meaningful economies of scale.

Pursue selective strategic acquisitions – As part of our strategy to expand our semiconductor product offerings and to maximize our market opportunities, we may acquire technologies, product lines or companies in order to enhance our product portfolio and accelerate our new product offerings. During 2011, we acquired approximately 30% of the outstanding common stock of Eris, and during 2012, we increased our ownership in Eris to approximately 51%. The product offering of Eris includes Schottky Diodes, TVS Diodes, Zener Diodes, Bridge Diodes, rectifiers and the relevant devices. Also in 2012, we completed the acquisition of Power Analog Microelectronics, Inc. (“PAM”), a provider of advanced analog and high-voltage power ICs, whose product portfolio includes Class D audio amplifiers, DC-DC converters and LED backlighting drivers. In 2013, we acquired BCD which, with its established manufacturing and sales presence in Asia and a particularly strong local market position in China, offers us an even greater penetration of the consumer electronics, computing and communications markets. In 2015, we acquired Pericom Semiconductor Corporation. Pericom designs, develops and markets high-performance ICs and FCPs used in many of today’s advanced electronic systems. ICs include functions that support the connectivity, timing and signal conditioning of high-speed parallel and serial protocols that transfer data among a system’s microprocessor, memory and various peripherals, such as displays and monitors, and between interconnected systems. FCPs are electronic components that provide frequency references such as crystals and oscillators for computer, communication and consumer electronic products. Analog, digital and mixed-signal ICs, together with FCPs enable higher system bandwidth and signal quality, resulting in better operating reliability and signal integrity, and lower overall system cost in applications such as notebook computers, servers, network switches and routers, storage area networks, digital TVs, cell phones, GPS and digital media players.

See “Risk Factors – Part of our growth strategy involves identifying and acquiring companies. We may be unable to identify suitable acquisition candidates or consummate desired acquisitions and, if we do make any acquisitions, we may be unable to successfully integrate any acquired companies with our operations, which could adversely affect our business, operating results and financial condition” in Part I, Item 1A and Note 16 of “Notes to Consolidated Financial Statements” of this Annual Report for additional information.

## OUR PRODUCTS

Our product portfolio includes over 10,000 products that are designed for use in high-volume consumer electronic devices such as LCD and LED televisions and LCD panels, set-top boxes and consumer portables such as smartphones, tablets and notebooks. Our focus is on low pin count semiconductor devices with one or more active and/or passive components. We target and serve end-equipment markets that we believe have larger volumes than other end-market segments served by the overall semiconductor industry.

Our broad product line includes:

- Discrete semiconductor products, including: performance Schottky rectifiers; performance Schottky diodes; Zener diodes and performance Zener diodes, including tight tolerance and low operating current types; standard, fast, super-fast and ultra-fast recovery rectifiers; bridge rectifiers; switching diodes; small signal bipolar transistors; prebiased transistors; MOSFETs; thyristor surge protection devices; and transient voltage suppressors;
- Analog products, including: power management devices such as AC-DC and DC-DC converters, USB power switches, low dropout and linear voltage regulators; standard linear devices such as operational amplifiers and comparators, current monitors, voltage references, and reset generators; LED lighting drivers; audio amplifiers; and sensor products including Hall-effect sensors and motor drivers;
- Standard logic products including low-voltage complementary metal-oxide-semiconductor (“CMOS”) and advanced high-speed CMOS devices; ultra-low power CMOS logic; and analog switches;;
  - Multichip products and co-packaged discrete, analog and mixed-signal silicon in miniature packages; and

- Silicon and silicon epitaxial wafers used in manufacturing these products.
- With the Pericom acquisition we acquired FCPs used in many of today's advanced electronic systems. FCPs are electronic components that provide frequency references such as crystals and oscillators for computer, communication and consumer electronic products.

The following table lists the end-markets, some of the applications in which our products are used, and the percentage of net sales for each end-market for the last three years:

End-Markets	2015	2014	2013	End product applications
Consumer Electronics	32%	34%	33%	Digital audio players and cameras, set-top boxes, LCD and LED TV's, game consoles, portable GPS, fitness and health monitors, action cameras, smart watches
Computing	18%	20%	24%	Notebooks, tablets, LCD monitors, printers, solid state and hard disk drive, servers, mass storage, cloud
Industrial	21%	20%	19%	Lighting, power supplies, DC-DC conversion, security systems, motor controls, DC fans, proximity sensors, solenoid and relay driving, solar panel, HAVC/LED lighting, retrofit bulb
Communications	24%	22%	21%	Mobile handsets, smartphones, IP in gateways, routers, switches, hubs, fiber optics
Automotive	5%	4%	3%	Comfort controls, lighting, audio/video, GPS navigation, satellite radios, electronics

## PRODUCT PACKAGING

Our device packaging technology includes a wide variety of innovative surface-mounted packages. Our focus on the development of smaller, more thermally efficient, and increasingly-integrated packaging, is a critical component of our product development. We provide a comprehensive offering of miniature high power density packaging, enabling us to fit our components into smaller and more efficient packages, while maintaining the same device functionality and power handling capabilities. Smaller packaging provides a reduction in the height, weight and board space required for our components. Our products are well suited for battery-powered, hand-held and wireless consumer electronic applications and high-volume consumer electronic devices such as LCD and LED televisions and LCD panels, set-top boxes and consumer portables such as smartphones, tablets and notebooks.

## CUSTOMERS

We serve over 250 direct customers worldwide, including major OEMs and EMS providers. Additionally, we have approximately 150 distributor customers worldwide, through which we indirectly serve over 50,000 customers. Our customers include: (i) leading OEMs in a broad range of industries, such as Continental AG, Delta Electronics, Honeywell, Osram, Phillips, Arris, Emerson, Hella, LG Electronics, Lenovo, Quanta Computer, Seagate, Sagem Communication, and Samsung Electronics; (ii) leading EMS providers, such as Celestica, Flextronics, Hon Hai Precision Industry, Inventec, Jabil Circuit, and Sanmina-SCI, who build end-market products incorporating our semiconductors for companies such as Google, GoPro, Cisco, Dell, EMC, Intel, Microsoft, Thompson, and Roche Diagnostics; and (iii) leading distributors such as Arrow, Avnet, Future Electronics, Rutronic, Yosun Industrial, DigiKey, and Zenitron.

For the years 2015, 2014 and 2013, our OEM and EMS customers together accounted for 33%, 33% and 35%, respectively, of our net sales. The decrease in 2014 is due primarily to the fact that the majority of BCD net sales are to distributors. No customer accounted for 10% or more of our net sales in 2015, 2014 or 2013. In addition, for information concerning our business with related parties, see "Business - Certain Relationships and Related Party Transactions."

We believe that our close relationships with our customers have provided us with deeper insight into our customers' product needs. In addition to seeking to expand relationships with our existing customers, our strategy is to pursue new customers and diversify our customer base by focusing on leading global consumer electronics companies and

their EMS providers and distributors. See “Risk Factors – Our customers require our products to undergo a lengthy and expensive qualification process without any assurance of product sales and demand to audit our operations from time to time. A failure to qualify a product or a negative audit finding could adversely affect our net sales, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

We generally warrant that products sold to our customers will, at the time of shipment, be free from defects in workmanship and materials and conform to our approved specifications. Subject to certain exceptions, our standard warranty extends for a period of one year from the date of shipment. Warranty expense has not been significant. Generally, our customers may cancel orders on short notice without incurring a penalty. See “Risk Factors – Our customer orders are subject to cancellation or modification usually with no penalty. High volumes of order cancellation or reduction in quantities ordered could adversely affect our operating results and financial condition” in Part I, Item 1A of this Annual Report for additional information.

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Many of our customers are based in Asia or have manufacturing facilities in Asia. Net sales by country consist of sales to customers in that country based on the country to which products are shipped. We report net sales based on “shipped to” customer locations as we believe this best represents where our customers’ business activities occur. For the year ended December 31, 2015, approximately 60%, 9%, 8%, 7%, 6%, 4% and 6% of our net sales were derived from China, United States (“U.S.”), Korea, Germany, Singapore, Taiwan, and all other markets, respectively, compared to 62%, 9%, 7%, 7%, 6%, 3% and 6% in 2014, respectively.

## SALES AND MARKETING

We market and sell our products worldwide through a combination of direct sales and marketing personnel, independent sales representatives and distributors. We have direct sales personnel in the U.S., the U.K., France, Germany, Korea, Hong Kong, Taiwan and China. We also have independent sales representatives in the U.S., Asia, and Europe. In addition, we have distributors in the U.S., Asia, and Europe.

As of December 31, 2015, our direct global sales and marketing organization consisted of approximately 400 employees operating out of 13 offices. We have sales and marketing offices or representatives in Taipei, Taiwan; Shanghai and Shenzhen, China; Gyeonggi, South Korea; and Munich, Germany; and we have regional sales offices in the U.S. As of December 31, 2015, we also had approximately 16 independent sales representative firms marketing our products.

Our marketing group focuses on our product strategy, product development roadmap, new product introduction process, demand assessment and competitive analysis. Our marketing programs include participation in industry tradeshows, technical conferences and technology seminars, sales training and public relations. The marketing group works closely with our sales and research and development teams to align our product development roadmap. The marketing group coordinates its efforts with our product development, operations and sales groups, as well as with our customers, sales representatives and distributors. We support our customers through our global field application engineering and customer support organizations.

Our website, [www.diodes.com](http://www.diodes.com), features an extensive online product catalog with advanced search capabilities. This, coupled with a comprehensive competitor cross-reference search, facilitates quick and thorough product selection. Our website also provides easy access to our worldwide sales contacts and customer support and incorporates a distributor-inventory check to provide component inventory availability.

## MANUFACTURING OPERATIONS AND FACILITIES

We operate two assembly and test facilities located in Shanghai, China, one in Jinan, China, one in Neuhaus, Germany, one in Taipei, Taiwan and one in Chengdu, China that became fully production capable in the second half of 2015. We have two wafer fabrication facilities located in Shanghai, one in Kansas City, Missouri and one in Manchester, U.K. Our wafer fabrication facilities in Shanghai include two 150mm wafer fabrication centers, our Kansas City facility fabricates 125mm and 150mm wafers, and our Manchester facility fabricates 150mm wafers.

In 2010, we announced an investment agreement with the Management Committee of the Chengdu Hi-Tech Industrial Development Zone (the “CDHT”). Under this agreement, we formed a joint venture with a Chinese partner, Chengdu Ya Guang Electronic Company Limited (“Ya Guang”), to establish a semiconductor assembly and test manufacturing facility in Chengdu, China. We currently own 95% of the joint venture. The CDHT granted the joint venture a 50-year land lease, provides corporate and employee tax incentives, tax refunds, subsidies and other financial support. This is a long-term, multi-year project that will provide us additional capacity as needed. As of December 31, 2015, we have invested approximately \$120 million, primarily for infrastructure, buildings and equipment related capital expenditures.

For the years ending December 31, 2015 and 2014, our total capital expenditures were approximately \$138 million and \$59 million, respectively. The majority of our capital expenditures are in China.

Our manufacturing processes use many raw materials, including silicon wafers, aluminum and copper lead frames, gold and copper wire and other metals, molding compounds and various chemicals and gases. We also rely on equipment and finished product suppliers. We are continuously evaluating our raw material costs in order to reduce our consumption while protecting and maintaining product performance. We have no material agreements with any of our suppliers that impose minimum or continuing supply obligations. From time to time, suppliers may extend lead-times, limit supplies or increase prices due to capacity constraints or other factors. Although we believe that supplies of the raw materials we use are currently and will continue to be available, shortages could occur in various essential materials due to interruption of supply or increased demand in the industry. See “Risk Factors – We depend on third-party suppliers for timely deliveries of raw materials, manufacturing services, product and process development, parts and equipment, as well as finished products from other manufacturers, and our reputation with customers, operating results and financial condition could be adversely affected if we are unable to obtain adequate supplies in a timely manner.” in Part I, Item 1A of this Annual Report for additional information.

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Our corporate headquarters are located in a facility we own in Plano, Texas. We also lease or own properties around the world for use as sales and administrative offices, research and development centers, manufacturing facilities, warehouses and logistics centers. The size or location of these properties can change from time to time based on our business requirements. See “Properties” in Part I, Item 2 of this Annual Report for additional information.

## BACKLOG

The amount of backlog to be shipped during any period is dependent upon various factors, and orders are subject to cancellation or modification, usually with no penalty to the customer. Orders are generally booked from one month to greater than twelve months in advance of delivery. The rate of booking of new orders can vary significantly from month to month. We, and the industry as a whole, continue to experience a trend towards shorter customer-requested lead-times, and we expect this trend to continue. The amount of backlog at any date depends upon various factors, including the timing of the receipt of orders, fluctuations in orders of existing product lines, and the introduction of any new lines. Accordingly, we believe that the amount of our backlog at any date is not an accurate measure of our future sales. We strive to maintain proper inventory levels to support our customers’ just-in-time order expectations. Our backlog of orders, based on expected ship date, was \$122 million at December 31, 2015 and \$130 million at December 31, 2014.

## PATENTS, TRADEMARKS AND LICENSES

Historically, patents and trademarks have not been material to our operations, but we expect them to become more important, particularly as they relate to our miniature and power efficient packaging technologies.

Our initial product patent portfolio was primarily composed of discrete technologies. In the late 1990s, our engineers began to research and develop innovative packaging technologies, which produced several important breakthroughs and patents, such as the PowerDI® series of packaging technology to foster our growth in the semiconductor industry.

We acquired Anachip Corp., a fabless semiconductor company, in 2006, which initiated our presence in the analog product market with a portfolio of standard linear and low dropout regulator products, among others.

Through our acquisition of the assets of APD Semiconductor, Inc. in 2006, we acquired the SBR® patents and trademark. SBR® is a state-of-the-art integrated circuit wafer processing technology, which is able to integrate and improve the benefits of the two existing rectifier technologies into a single device. The creation of a finite conduction cellular IC, combined with inherent design uniformity, has allowed manufacturing costs to be kept competitive with the existing power device technology, and thus has produced a breakthrough in rectifier technology.

PowerDI and SBR are registered trademarks of Diodes Incorporated

In 2008, we acquired Zetex, which subsequently increased our available discrete and analog technologies with patents and trademarks for bipolar transistors and power management products such as LED drivers. LED drivers support a wide range of applications for automotive, safety and security, architecture, and portable lighting and are highly efficient and cost-effective.

In 2012, we acquired PAM, a provider of advanced analog and high-voltage power ICs. PAM’s product portfolio includes Class D audio amplifiers, DC-DC converters and LED backlighting drivers, which has strengthened our position as a global provider of high-quality and high-efficiency, space-saving analog products by expanding our product portfolio with innovative “filter-less” digital audio amplifiers, application-specific power management ICs, as well as high-performance LED drivers and DC-DC converters.

In 2013, we acquired BCD, a leading supplier of standard linear and power management devices. BCD has a product portfolio that includes AC/DC and DC/DC solutions for chargers and power adapters. BCD’s established presence in

Asia, with a particularly strong local market position in China, offers us even greater participation into the consumer electronics, computing and communications end-markets.

In 2015, we acquired Pericom. Pericom designs, develops and markets high-performance ICs and FCPs used in many of today's advanced electronic systems. ICs include functions that support the connectivity, timing and signal conditioning of high-speed parallel and serial protocols that transfer data among a system's microprocessor, memory and various peripherals, such as displays and monitors, and between interconnected systems. FCPs are electronic components that provide frequency references such as crystals and oscillators for computer, communication and consumer electronic products. Pericom's analog, digital and mixed-signal ICs, together with our FCPs enable higher system bandwidth and signal quality, resulting in better operating reliability and signal integrity, and lower overall system cost in applications such as notebook computers, servers, network switches and routers, storage area networks, digital TVs, cell phones, GPS and digital media players.

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Currently, our licensing of patents to other companies is not material. We do, however, license certain product technology from other companies, but we do not consider licensed technology royalties to be material. We believe the duration and other terms of the licenses are appropriate for our current needs. See “Risk Factors – We may be subject to claims of infringement of third-party intellectual property rights or demands that we license third-party technology, which could result in significant expense, reduction in our intellectual property rights and a negative impact on our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

## COMPETITION

Numerous semiconductor manufacturers and distributors serve the discrete, logic and analog semiconductor components market, making competition intense. Some of our larger competitors include Fairchild Semiconductor Corporation, Infineon Technologies A.G., NXP Semiconductors N.V., ON Semiconductor Corporation, Rohm Electronics USA, LLC, Toshiba Corporation and Vishay Intertechnology, Inc., many of which have greater financial, marketing, distribution, brand name recognition, research and development, manufacturing and other resources. Accordingly, we from time to time may reposition product lines or decrease prices, which may affect our sales of, and profit margins on, such product lines. The price, features, availability and quality of the products, and our ability to design products and deliver customer service in keeping with the customers’ needs, determine the competitiveness of our products. We believe that our product focus, packaging expertise and our flexibility and ability to quickly adapt to customer needs affords us competitive advantages. See “Risk Factors – The semiconductor business is highly competitive, and increased competition may harm our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

## ENGINEERING AND RESEARCH AND DEVELOPMENT

Our engineering and research and development groups consist of applications, circuit design, and product development engineers who assist in determining the direction of our future product lines. One of their key functions is to work closely with market-leading customers to further refine, expand and improve our product portfolio within our target product types and packages. In addition, customer requirements and acceptance of new package types are assessed and new, higher-density and more energy-efficient packages are developed to satisfy customers’ needs.

Product development engineers work directly with our semiconductor circuit design and layout engineers to develop and design products that match our customers’ requirements. We have the capability to capture the customers’ electrical and packaging requirements and translate those requirements into product specifications which can then be designed and manufactured to support customers’ end-system applications.

For the years ended December 31, 2015, 2014 and 2013, our investment in research and development activities was approximately \$57 million, \$52 million and \$48 million, respectively, or approximately 7%, 6% and 6%, respectively, of net sales.

## EMPLOYEES

As of December 31, 2015, we employed 7,695 employees (including approximately 1,000 temporary labor or independent contractors). 6,674 of our employees were in Asia, 558 were in the U.S. and 463 were in Europe. None of our employees in Asia or the U.S. are subject to a collective bargaining agreement, but a majority of our employees in Europe is covered by local labor agreements. We consider our relations with our employees to be satisfactory. See “Risk Factors – We may fail to attract or retain the qualified technical, sales, marketing, finance and management/executive personnel required to operate our business successfully, which could adversely affect our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

## ENVIRONMENTAL MATTERS

We are subject to a variety of U.S. federal, state, local and foreign governmental laws, rules and regulations related to the use, storage, handling, discharge or disposal of certain toxic, volatile or otherwise hazardous chemicals used in our manufacturing process in China, the U.S. and the U.K. where our wafer fabrication facilities are located, and in China, Taiwan and Germany where our assembly and test facilities are located. Any of these regulations could require us to acquire equipment or to incur substantial other costs to comply with environmental regulations or remediate problems. For the years ended December 31, 2015, 2014 and 2013, our capital expenditures for environmental controls have not been material. As of December 31, 2015, there were no known environmental claims or recorded liabilities. See “Risk Factors – We are subject to many environmental laws and regulations that could result in significant expenses and could adversely affect our business, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

## CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

We conduct business with two related companies: Lite-On Semiconductor Corporation and its subsidiaries and affiliates (collectively, “LSC”), and Nuvoton Technology Corporation and its subsidiaries and affiliates (collectively, “Nuvoton”). LSC owned approximately 17% of our outstanding Common Stock as of December 31, 2015. We conduct business with a significant company, Keylink International (B.V.I.) Inc. and its subsidiaries and affiliates (collectively, “Keylink”). Keylink is our 5% joint venture partner in our two Shanghai assembly and test facilities. In addition, Ya Guang is our 5% joint venture partner in our two Chengdu assembly and test facilities; however, we have no material transactions with Ya Guang.

Raymond Soong, the Chairman of the Board of Directors, is also the Chairman of LSC and the Chairman of Lite-On Technology Corporation (“LTC”), a significant shareholder of LSC. C.H. Chen, our former President and Chief Executive Officer and currently the Vice Chairman of the Board of Directors, is also Vice Chairman of LSC and a board member of LTC. Dr. Keh-Shew Lu, a member of our Board of Directors and our President and Chief Executive Officer, is also a board member of Nuvoton. In addition, L.P. Hsu, a member of our Board of Directors, is also a consultant to LTC and a supervisor of the board of Nuvoton.

The Audit Committee of the Board of Directors reviews all related party transactions for potential conflict of interest situations on an ongoing basis. We believe that all related party transactions are on terms no less favorable to us than would be obtained from unaffiliated third parties. For more information concerning our relationships with LSC, Keylink and Nuvoton, see “Risk Factors – One of our external suppliers is also a related party. The loss of this supplier could harm our business, operating results and financial condition.” in Part I, Item 1A and Note 13 of “Notes to Consolidated Financial Statements” of this Annual Report for additional information.

## SEASONALITY

Historically, our net sales have been affected by the cyclical nature of the semiconductor industry. In addition, our net sales have been subject to some seasonal variation with weaker net sales in the first and fourth calendar quarters. See Note 17 (unaudited) of “Notes to Consolidated Financial Statements” of this Annual Report for additional information on our quarterly results.

## AVAILABLE INFORMATION

Our website address is <http://www.diodes.com>. We make available, free of charge through our website, our Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K, proxy statements, and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after such material is electronically filed with or furnished to the Securities and Exchange Commission (the “SEC”).

Our filings may also be read and copied at the SEC’s Public Reference Room at 100 F Street NE, Room 1580 Washington, D.C. 20549. Information on the operation of the Public Reference Room may be obtained by calling the SEC at 1-800-SEC-0330. The SEC also maintains a website (<http://www.sec.gov>) that contains reports, proxy and information statements, and other information regarding issuers that file with the SEC.

Our website also provides investors access to financial and corporate governance information including our corporate governance guidelines, Code of Business Conduct, whistleblower hotline, and press releases. The contents of our website are not incorporated by reference into this Annual Report on Form 10-K.

Cautionary Statement for Purposes of the “Safe Harbor” Provision of the Private Securities Litigation Reform Act of 1995

Many of the statements, included in this Annual Report on Form 10-K, contain forward-looking statements and information relating to our company. We generally identify forward-looking statements by the use of terminology such as “may,” “will,” “could,” “should,” “potential,” “continue,” “expect,” “intend,” “plan,” “estimate,” “anticipate,” “believe” similar phrases or the negatives of such terms. We base these statements on our beliefs as well as assumptions we made using information currently available to us. Such statements are subject to risks, uncertainties and assumptions, including those identified in “Risk Factors,” as well as other matters not yet known to us or not currently considered material by us. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those anticipated, estimated or projected. Given these risks and uncertainties, prospective investors are cautioned not to place undue reliance on such forward-looking statements. Forward-looking statements do not guarantee future performance and should not be considered as statements of fact.

You should not unduly rely on these forward-looking statements, which speak only as of the date of this Annual Report on Form 10-K. Unless required by law, we undertake no obligation to publicly update or revise any forward-looking statements to reflect new information or future events or otherwise. The Private Securities Litigation Reform Act of 1995 (the “Act”) provides certain “safe harbor” provisions for forward-looking statements. All forward-looking statements, made on this Annual Report on Form 10-K, are made pursuant to the Act.

Item 1A. Risk Factors.

Investing in our Common Stock involves a high degree of risk. You should carefully consider the following risks and other information in this report before you decide to buy our Common Stock. Our business, financial condition or operating results may suffer if any of the following risks are realized. Additional risks and uncertainties not currently known to us may also adversely affect our business, financial condition or operating results. If any of these risks or uncertainties occurs, the trading price of our Common Stock could decline and you could lose part or all of your investment.

RISKS RELATED TO OUR BUSINESS

The success of our business depends on the strength of the global economy and the stability of the financial markets, and any weaknesses in these areas may have a material adverse effect on our net sales, operating results and financial condition.

Weaknesses in the global economy and financial markets can lead to lower consumer discretionary spending and demand for items that incorporate our products in the consumer electronics, computing, industrial, communications and the automotive sectors. A decline in end-user demand can affect our customers' demand for our products, the ability of our customers to meet their payment obligations and the likelihood of customers canceling or deferring existing orders. Our net sales, operating results and financial condition could be negatively affected by such actions.

During times of difficult market conditions, our fixed costs combined with lower net sales and lower profit margins may have a negative impact on our business, operating results and financial condition.

The semiconductor industry is characterized by high fixed costs. Notwithstanding our utilization of third-party manufacturing capacity, most of our production requirements are met by our own manufacturing facilities. In difficult economic environments, we could be faced with a decline in the utilization rates of our manufacturing facilities due to decreases in product demand. During such periods, our manufacturing facilities do not operate at full capacity and the costs associated with this excess capacity are expensed immediately and not capitalized into inventory. When our utilization rates decline to abnormally low production levels, we generally experience lower gross margins. The market conditions in the future may adversely affect our utilization rates and consequently our future gross margins, and this, in turn, could have a material negative impact on our business, operating results and financial condition.

Downturns in the highly cyclical semiconductor industry or changes in end-market demand could adversely affect our operating results and financial condition.

The semiconductor industry is highly cyclical, and periodically experiences significant economic downturns characterized by diminished product demand, production overcapacity and excess inventory, which can result in rapid erosion in average selling prices. From time to time, the semiconductor industry experiences order cancellations and reduced demand for products, resulting in significant net sales declines, due to excess inventories at end-equipment manufacturers and general economic conditions, especially in the technology sector. The market for semiconductors may experience renewed, and possibly more severe and prolonged downturns, which may harm our operating results and financial condition.

In addition, we operate in a few narrow markets of the broader semiconductor market and, as a result, cyclical fluctuations may affect these segments to a greater extent than they affect the broader semiconductor market. This may cause us to experience greater fluctuations in our operating results and financial condition than compared to some of our broad line semiconductor competitors. In addition, we may experience significant changes in our profitability as a result of variations in sales, changes in product mix, changes in end-user markets and the costs associated with the

introduction of new products. The markets for our products depend on continued demand in the consumer electronics, computing, communications, industrial and automotive sectors. These end-user markets also tend to be cyclical and may also experience changes in demand that could adversely affect our operating results and financial condition.

The semiconductor business is highly competitive, and increased competition may harm our business, operating results and financial condition.

The semiconductor industry in which we operate is highly competitive. We expect intensified competition from existing competitors and new entrants. Competition is based on price, product performance, product availability, quality, reliability, technological innovation and customer service. We compete in various markets with companies of various sizes, many of which are larger and have greater resources or capabilities as it relates to financial, marketing, distribution, brand name recognition, research and development, manufacturing and other resources than we have. As a result, they may be better able to develop new products, market their products, pursue acquisition candidates and withstand adverse economic or market conditions. Most of our current major competitors are broad line semiconductor manufacturers who often have a wider range of product types and technologies than we do. In addition, companies not currently in direct competition with us may introduce competing products in the future. Some of our current major competitors are Fairchild Semiconductor Corporation, Infineon Technologies A.G., NXP Semiconductors N.V., ON

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Semiconductor Corporation, Rohm Electronics USA, LLC, Toshiba Corporation and Vishay Intertechnology, Inc. We may not be able to compete successfully in the future, and competitive pressures may harm our business, operating results and financial condition.

One of our external suppliers is also a related party. The loss of this supplier could harm our business, operating results and financial condition.

In 2015, 2014 and 2013, LSC, our largest stockholder, accounted for approximately 2%, 3%, and 4%, respectively, of our silicon wafer supply, and 3%, 2% and 3%, respectively, of our finished goods supply. The loss of LSC as a supplier could materially harm our business, operating results and financial condition.

Delays in initiation of production at facilities due to implementing new production techniques or resolving problems associated with technical equipment malfunctions could adversely affect our manufacturing efficiencies, operating results and financial condition.

Our manufacturing efficiency has been and will be an important factor in our future profitability, and we may not be able to maintain or increase our manufacturing efficiency. Our manufacturing and testing processes are complex, require advanced and costly equipment and are continually being modified in our efforts to improve product performance and cost. Difficulties in the manufacturing process can lower yields. Technical or other problems could lead to production delays, order cancellations and lost net sales. In addition, any problems in achieving acceptable yields, construction delays, or other problems in upgrading or expanding existing facilities, building new facilities, bringing new manufacturing capacity to full production or changing our process technologies, could also result in capacity constraints, production delays and a loss of future net sales and customers. Our operating results also could be adversely affected by any increase in fixed costs and operating expenses related to increases in production capacity if net sales do not increase proportionately, or in the event of a decline in demand for our products.

Our wafer fabrication facilities are located in Shanghai, China, Kansas City, Missouri, and Manchester, U.K., while our manufacturing facilities in Shanghai, Taipei, Taiwan, Chengdu, China, Jinan, China, and Neuhaus, Germany, perform assembly and test functions. Any disruption of operations at these facilities could have a material adverse effect on our manufacturing efficiencies, operating results and financial condition.

We are and will continue to be under continuous pressure from our customers and competitors to reduce the price of our products, which could adversely affect our growth and profit margins.

Prices for our products tend to decrease over their life cycle. There is substantial and continuing pressure from customers to reduce the total cost of purchasing our products. To remain competitive and retain our customers and gain new ones, we must continue to reduce our costs through product and manufacturing improvements. We must also strive to minimize our customers' shipping and inventory financing costs and to meet their other goals for rationalization of supply and production. Our net sales growth and profit margins will suffer if we cannot effectively continue to reduce our costs and keep our product prices competitive.

Our customers require our products to undergo a lengthy and expensive qualification process without any assurance of product sales and may demand to audit our operations from time to time. A failure to qualify a product or a negative audit finding could adversely affect our net sales, operating results and financial condition.

Prior to purchasing our products, our customers may require our products to undergo an extensive qualification process, which involves rigorous reliability testing. This qualification process may continue for six months or longer. However, qualification of a product by a customer does not ensure any sales of the product to that customer. In addition, we are focusing more on the automotive and industrial markets. These markets, automotive in particular, require higher quality standards. Although we are working to ensure our organization and products meet the more rigorous quality standards, there can be no assurances we will succeed. Even after successful qualification and sales

of a product to a customer, a subsequent revision to the product, changes in the product's manufacturing process or the selection of a new supplier by us may require a re-qualification process, which may result in delayed net sales and excess or obsolete inventory. After our products are qualified, it can take an additional six months or more before the customer commences volume production of components or devices that incorporate our products. Despite these uncertainties, we devote substantial resources, including design, engineering, sales, marketing and management efforts, toward qualifying our products with customers in anticipation of sales. If we are unsuccessful or delayed in qualifying any of our products with a customer, such failure or delay would preclude or delay sales of such product to the customer, which may adversely affect our net sales, operating results and financial condition.

In addition, from time to time, our customers may demand an audit of our records, product manufacturing, qualification, and packaging processes, business practices and other related items to verify that we have complied with our business obligations, standard processes and procedures, product specifications and certain governing laws and regulations related to our business practices, and in accordance with the agreed terms and conditions of mutual business agreements. If the audit shows any deficiency in any of these categories, our customers may require us to implement extensive protocols to remedy the deficiency, assess us significant

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penalties, refuse shipments of our products, return existing inventory, cancel orders, or terminate our business relationship, each of which will adversely affect our net sales, operating results and financial condition.

Our customer orders are subject to cancellation or modification usually with no penalty. High volumes of order cancellation or reduction in quantities ordered could adversely affect our net sales, operating results and financial condition.

All of our customer orders are subject to cancellation or modification, usually with no penalty to the customer. Orders are generally made on a purchase order basis, rather than pursuant to long-term supply contracts, and are booked from immediate delivery to twelve months or more in advance of delivery. The rate of booking new orders can vary significantly from month to month. We, and the semiconductor industry as a whole, are experiencing a trend towards shorter customer-requested lead-times, which is the amount of time between the date a customer places an order and the date the customer requires shipment. Furthermore, our industry is subject to rapid changes in customer outlook and periods of excess inventory due to changes in demand in the end-markets our industry serves. As a result, many of our purchase orders are revised, and may be cancelled, with little or no penalty and with little or no notice. However, we must still commit production and other resources to fulfilling these purchase orders even though they may ultimately be cancelled. If a significant number of purchase orders are cancelled or product quantities ordered are reduced, and we are unable to timely generate replacement orders, we may build up excess inventory and our net sales, operating results and financial condition may suffer.

Production at our manufacturing facilities could be disrupted for a variety of reasons, including natural disasters and other extraordinary events, which could prevent us from producing enough of our products to maintain our sales and satisfy our customers' demands and could adversely affect our operating results and financial condition.

A disruption in production at our manufacturing facilities could have a material adverse effect on our business. Disruptions could occur for many reasons, including fire, floods, hurricanes, typhoons, droughts, tsunamis, volcanoes, earthquakes, disease or other similar natural disasters, unplanned maintenance or other manufacturing problems, labor shortages, power outages or shortages, telecommunications failures, strikes, transportation interruption, government regulation, terrorism or other extraordinary events. Such disruptions may cause direct injury or damage to our employees and property and related internal controls with significant indirect consequences. Alternative facilities with sufficient capacity or capabilities may not be available, may cost substantially more or may take a significant time to start production, each of which could negatively affect our business and financial performance. If one of our key manufacturing facilities is unable to produce our products for an extended period of time, our sales may be reduced by the shortfall caused by the disruption, and we may not be able to meet our customers' needs, which could cause them to seek other suppliers. Such disruptions could have an adverse effect on our operating results and financial condition.

New technologies could result in the development of new products by our competitors and a decrease in demand for our products, and we may not be able to develop new products to satisfy changes in demand, which would adversely affect our net sales, market share, operating results and financial condition.

Our product range and new product development program are focused on low pin count semiconductor devices with one or more active or passive components. Our failure to develop new technologies, or anticipate or react to changes in existing technologies, either within or outside of the semiconductor market, could materially delay development of new products, which could result in a decrease in our net sales and a loss of market share to our competitors. The semiconductor industry is characterized by rapidly changing technologies and industry standards, together with frequent new product introductions. This includes the development of new types of technology or the improvement of existing technologies, such as analog and digital technologies that compete with, or seek to replace, discrete semiconductor technology. Our financial performance depends on our ability to design, develop, manufacture, assemble, test, market and support new products and product enhancements on a timely and cost-effective basis. New products often command higher prices and, as a result, higher profit margins. We may not successfully identify new product opportunities or develop and bring new products to market or succeed in selling them into new customer

applications in a timely and cost-effective manner.

Products or technologies developed by other companies may render our products or technologies obsolete or noncompetitive, and since we operate primarily in a narrower segment of the broader semiconductor industry, this may have a greater effect on us than it would if we were a broad-line semiconductor supplier with a wider range of product types and technologies. Many of our competitors are larger and more established international companies with greater engineering and research and development resources than us. Our failure to identify or capitalize on any fundamental shifts in technologies in our product markets, relative to our competitors, could harm our business, have a material adverse effect on our competitive position within our industry and harm our relationships with our customers. In addition, to remain competitive, we must continue to reduce package sizes, improve manufacturing costs and expand our sales. We may not be able to accomplish these goals, which would adversely affect our net sales, market share, operating results and financial condition.

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We may be adversely affected by any disruption in our information technology systems, which could adversely affect our cash flows, operating results and financial condition.

Our operations are dependent upon our information technology systems, which encompass all of our major business functions. We rely upon such information technology systems to manage and replenish inventory, to fill and ship customer orders on a timely basis, to coordinate our sales activities across all of our products and services and to coordinate our administrative activities. A substantial disruption in our information technology systems for any prolonged time period (arising from, for example, system capacity limits from unexpected increases in our volume of business, outages or delays in our service) could result in delays in receiving inventory and supplies or filling customer orders and adversely affect our customer service and relationships. Our systems might be damaged or interrupted by natural or man-made events or by computer viruses, physical or electronic break-ins and similar disruptions affecting the global Internet. There can be no assurance that such delays, problems, or costs will not have a material adverse effect on our cash flows, operating results and financial condition.

As our operations grow in both size and scope, we will continuously need to improve and upgrade our systems and infrastructure while maintaining the reliability and integrity of our systems and infrastructure. The expansion of our systems and infrastructure will require us to commit substantial financial, operational and technical resources before the volume of our business increases, with no assurance that the volume of business will increase. In particular, we have upgraded our financial reporting system and are currently seeking to upgrade other information technology systems. These and any other upgrades to our systems and information technology, or new technology, now and in the future, will require that our management and resources be diverted from our core business to assist in compliance with those requirements. There can be no assurance that the time and resources our management will need to devote to these upgrades, service outages or delays due to the installation of any new or upgraded technology (and related customer issues), or the impact on the reliability of our data from any new or upgraded technology will not have a material adverse effect on our cash flows, operating results and financial condition.

A significant portion of our operations operate on a single Enterprise Resource Planning (“ERP”) platform. To manage our international operations efficiently and effectively, we rely heavily on our ERP system, internal electronic information and communications systems and on systems or support services from third parties. Any of these systems are subject to electrical or telecommunications outages, computer hacking or other general system failure. It is also possible that future acquisitions will operate on different ERP systems and that we could face difficulties in integrating operational and accounting functions of new acquisitions. Difficulties in upgrading or expanding our ERP system or system-wide or local failures that affect our information processing could adversely affect our cash flows, operating results and financial condition.

We may be subject to claims of infringement of third-party intellectual property rights or demands that we license third-party technology, which could result in significant expense, reduction in our intellectual property rights and a negative impact on our business, operating results and financial condition.

The semiconductor industry is characterized by vigorous protection and pursuit of intellectual property rights. From time to time, third parties have asserted, and may in the future assert, patent, copyright, trademark and other intellectual property rights to technology that is important to our business and have demanded, and may in the future demand, that we license their patents and technology. Any litigation to determine the validity of allegations that our products infringe or may infringe these rights, including claims arising through our contractual indemnification of our customers, or claims challenging the validity of our patents, regardless of its merit or resolution, could be costly and divert the efforts and attention of our management and technical personnel. We may not prevail in litigation given the complex technical issues and inherent uncertainties in intellectual property litigation. If litigation results in an adverse ruling, we could be required to:

- pay substantial damages for past, present and future use of the infringing technology;
- cease manufacture, use or sale of infringing products;
- discontinue the use of infringing technology;
- expend significant resources to develop non-infringing technology;
- pay substantial damages to our customers or end-users to discontinue use or replace infringing technology with non-infringing technology;
- license technology from the third party claiming infringement, which license may not be available on commercially reasonable terms, or at all; or
- relinquish intellectual property rights associated with one or more of our patent claims, if such claims are held invalid or otherwise unenforceable.

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We depend on third-party suppliers for timely deliveries of raw materials, manufacturing services, product and process development, parts and equipment, as well as finished products from other manufacturers, and our reputation with customers, operating results and financial condition could be adversely affected if we are unable to obtain adequate supplies in a timely manner.

Our manufacturing operations depend upon obtaining adequate supplies of raw materials, manufacturing services, product and process development, parts and equipment on a timely basis from third parties. In some instances, a supplier may be our sole-source supplier. Our operating results could be adversely affected if we are unable to obtain adequate supplies of raw materials, manufacturing services, product and process development, parts and equipment in a timely manner or if the costs charged to us were to increase significantly. Our business could also be adversely affected if there is a significant degradation in the quality of raw materials used in our products, or if the raw materials give rise to compatibility or performance issues in our products, any of which could lead to an increase in customer returns or product warranty claims. Although we maintain rigorous quality control systems, errors or defects may arise from a supplied raw material and be beyond our detection or control. In addition, we may be subject to quality claims from customers who purchased goods from companies before we acquired those companies. Any interruption in, or change in quality of, the supply of raw materials, manufacturing services, product and process development, parts or equipment needed to manufacture our products could adversely affect our reputation with customers, operating results and financial condition.

In addition, we sell finished products from other manufacturers. Our business could also be adversely affected if there are quality problems with the finished products we sell. From time to time, various suppliers may extend lead-times, limit supplies or increase prices due to capacity constraints or other factors. We have no long-term purchase contracts with any of these manufacturers and, therefore, have no contractual assurances of continued supply, pricing or access to finished products that we sell, and any such manufacturer could discontinue supplying to us at any time. Additionally, some of our suppliers of finished products or wafers compete directly with us and may, in the future, choose not to supply products to us.

If we do not succeed in continuing to vertically integrate our business, we will not realize the cost and other efficiencies we anticipate, which could adversely affect our ability to compete, our operating results and financial condition.

We are continuing to vertically integrate our business. Key elements of this strategy include continuing to expand our sales organization, manufacturing capacity, wafer foundry and research and development capability and expand our marketing, product development, package development and assembly and test operations in company-owned facilities or through the acquisition of established contractors. There are certain risks associated with our vertical integration strategy, including:

- difficulties associated with owning a manufacturing business, including, but not limited to, the maintenance and management of manufacturing facilities, equipment, employees and inventories and limitations on the flexibility of controlling overhead;
- difficulties in continuing expansion of our operations in Asia and Europe, because of the distance from our U.S. headquarters and differing regulatory and cultural environments;
- the need for skills and techniques that are outside our traditional core expertise;
- less flexibility in shifting manufacturing or supply sources from one region to another;
- even when independent suppliers offer lower prices, we may continue to source wafers from our captive manufacturing facilities, which may result in us having higher costs than our competitors;
- difficulties developing and implementing a successful research and development team; and
- difficulties developing, protecting, and gaining market acceptance of, our proprietary technology.

The risks of becoming a fully integrated manufacturer are amplified in an industry-wide slowdown because of the fixed costs associated with manufacturing facilities. In addition, we may not realize the cost, operating and other efficiencies that we expect from continued vertical integration. If we fail to successfully vertically integrate our business, our ability to compete, profit margins, operating results and financial condition may suffer.

Part of our growth strategy involves identifying and acquiring companies. We may be unable to identify suitable acquisition candidates or consummate desired acquisitions and, if we do make any acquisitions, we may be unable to successfully integrate any acquired companies with our operations, which could adversely affect our business, operating results and financial condition.

A significant part of our growth strategy involves acquiring companies. For example, (i) in 2000, we acquired FabTech, Inc., a wafer fabrication company, in order to have our own wafer manufacturing capabilities, (ii) in 2006, we acquired Anachip Corp. as an entry into the analog market, (iii) in 2006, we acquired the net operating assets of APD Semiconductor, Inc., (iv) in 2008, we acquired Zetex plc., (v) in 2012, we acquired over 50% of the outstanding common stock of Eris Technology Corporation, (vi) also in 2012, we acquired Power Analog Microelectronics, Inc., (vii) in 2013, we acquired BCD Semiconductor Manufacturing Limited and (viii) in 2015, we acquired Pericom Semiconductor Corporation. In addition, from time to time, we may be in various stages of discussions with potential acquisition targets as we intend to continue to expand and diversify our operations by making further acquisitions. However, we may be unsuccessful in identifying suitable acquisition candidates, or we may be unable to consummate a desired



acquisition. To the extent we do make acquisitions, if we are unsuccessful in integrating these companies or their operations or product lines with our operations, or if integration is more difficult than anticipated, we may experience disruptions that could have a material adverse effect on our business, operating results and financial condition. In addition, we may not realize all of the benefits we anticipate from any such acquisitions. Some of the risks that may affect our ability to integrate or realize any anticipated benefits from acquisitions that we may make include those associated with:

- unexpected losses of key employees or customers of the acquired company;
- bringing the acquired company's standards, processes, procedures and controls into conformance with our operations;
- coordinating our new product and process development;
- hiring additional management and other critical personnel;
- increasing the scope, geographic diversity and complexity of our operations;
- difficulties in consolidating facilities and transferring processes and know-how;
- difficulties in reducing costs of the acquired entity's business;
- diversion of management's attention from the management of our business; and
- adverse effects on existing business relationships with customers.

We are subject to litigation risks, including securities class action litigation, which may be costly to defend and the outcome of which is uncertain and could adversely affect our business and financial condition.

All industries, including the semiconductor industry, are subject to legal claims, with and without merit, including securities class action litigation that may be particularly costly and which may divert the attention of our management and our resources in general. We are involved in a variety of legal matters, most of which we consider either routine matters that arise in the normal course of business or immaterial for our aggregate business operations. These routine matters typically fall into broad categories such as those involving suppliers and customers, employment and labor, and intellectual property. We believe it is unlikely that the final outcome of these legal claims will have a material adverse effect on our financial position, operating results or cash flows. However, defense and settlement costs can be substantial, even with respect to claims that we believe have no merit. Due to the inherent uncertainty of the litigation process, the resolution of any particular legal claim or proceeding could adversely affect our business, operating results and financial condition.

From time to time, we have been, or may in the future be, involved in securities litigation or litigation arising from our acquisitions. We can provide no assurance as to the outcome of any such litigation matter in which we are a party. These types of matters are costly to defend and even if resolved in our favor, could have a material adverse effect on our business, financial condition, operating results and cash flow. Such litigation could also substantially divert the attention of our management and our resources in general. Uncertainties resulting from the initiation and continuation of securities or other litigation could harm our ability to obtain credit and financing for our operations and to compete in the marketplace. Because the price of our Common Stock has been, and may continue to be, volatile, we can provide no assurance that securities litigation will not be filed against us in the future. In addition, we can provide no assurance that our past or future acquisitions will not subject us to additional litigation. See Part I, Item 3 "Legal Proceedings" of this Annual Report for more information on our legal proceedings.

We are subject to many environmental laws and regulations that could result in significant expenses and could adversely affect our business, operating results and financial condition.

We are subject to a variety of U.S. federal, state, local and foreign governmental laws, rules and regulations related to the use, storage, handling, discharge or disposal of certain toxic, volatile or otherwise hazardous chemicals used in manufacturing our products throughout the world. Some of these regulations in the U.S. include the Federal Clean Water Act, Clean Air Act, Resource Conservation and Recovery Act, Comprehensive Environmental Response, Compensation, and Liability Act and similar state statutes and regulations. Any of these regulations could require us

to acquire equipment or to incur substantial other expenses to comply with environmental regulations. If we were to incur such additional expenses, our product costs could significantly increase, materially affecting our business, financial condition and operating results. Any failure to comply with present or future environmental laws, rules and regulations could result in fines, suspension of production or cessation of operations, any of which could have a material adverse effect on our business, operating results and financial condition. Our operations affected by such requirements include, among others: the disposal of wastewater containing residues from our manufacturing operations through publicly operated treatment works or sewer systems, and which may be subject to volume and chemical discharge limits and may also require discharge permits; and the use, storage and disposal of materials that may be classified as toxic or hazardous. Any of these may result in, or may have resulted in, environmental conditions for which we could be liable.

Some environmental laws impose liability, sometimes without fault, for investigating or cleaning up contamination on, or emanating from, our currently or formerly owned, leased or operated properties, as well as for damages to property or natural resources and for personal injury arising out of such contamination. Such liability may also be joint and several, meaning that we could be held responsible for more than our share of the liability involved, or even the entire liability. In addition, the presence of

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environmental contamination could also interfere with ongoing operations or adversely affect our ability to sell or lease our properties. Environmental requirements may also limit our ability to identify suitable sites for new or expanded plants. Discovery of contamination for which we are responsible, the enactment of new laws and regulations, or changes in how existing requirements are enforced, could require us to incur additional costs for compliance or subject us to unexpected financial liabilities.

Our products may be found to be defective and, as a result, warranty claims and product liability claims may be asserted against us, which may harm our business, reputation with our customers, operating results and financial condition.

Our products are typically sold at prices that are an insignificant portion of the overall value of the equipment or other goods in which they are incorporated. For example, our products that are incorporated into a television may be sold for several cents, whereas the television maker might sell the television for several hundred dollars. Although we maintain rigorous quality control systems, we receive warranty claims and product liability claims for some of these products that are defective, or that do not perform to published specifications. Since a defect or failure in our products could give rise to failures in the end-products that incorporate them (and consequential claims for damages against our customers from their customers), we may face claims for damages that are disproportionate to the net sales and profits we receive from the products involved. In addition, our ability to reduce such liabilities may be limited by the laws or the customary business practices of the countries where we do business. Even in cases where we do not believe we have legal liability for such claims, we may choose to pay for them to retain a customer's business or goodwill or to settle claims to avoid protracted litigation. Our operating results and business could be adversely affected as a result of a significant quality or performance issue in our products, if we are required or choose to pay for the damages that result. We may choose not to carry liability insurance, may not have sufficient insurance coverage, or may not have sufficient resources, to satisfy all possible warranty claims and product liability claims. In addition, any perception that our products are defective would likely result in reduced sales of our products, loss of customers and harm to our business, reputation, operating results and financial condition.

We may fail to attract or retain the qualified technical, sales, marketing, finance and management/executive personnel required to operate our business successfully, which could adversely affect our business, operating results and financial condition.

Our future success depends, in part, upon our ability to attract and retain highly qualified technical, sales, marketing, finance and managerial personnel. Personnel with the necessary expertise are scarce and competition for personnel with these skills is intense. We may not be able to retain existing key technical, sales, marketing, finance and managerial employees or be successful in attracting, assimilating or retaining other highly qualified technical, sales, marketing, finance and managerial/executive personnel in the future. For example, we have faced, and continue to face, intense competition for qualified technical and other personnel in China, where our assembly and test facilities are located. A number of U.S. and multi-national corporations, both in the semiconductor industry and in other industries, have recently established and are continuing to establish factories and plants in China, and the competition for qualified personnel has increased significantly as a result. If we are unable to retain existing key employees or are unsuccessful in attracting new highly qualified employees, our business, operating results and financial condition could be materially and adversely affected.

We may not be able to achieve future growth, and any such growth may place a strain on our management and on our systems and resources, which could adversely affect our business, operating results and financial condition.

Our ability to successfully grow our business requires effective planning and management. Our past growth, and our targeted future growth, may place a significant strain on our management and on our systems and resources, including our financial and managerial controls, reporting systems and procedures. In addition, we will need to continue to train and manage our workforce worldwide. If we are unable to effectively plan and manage our growth effectively, our business and prospects will be harmed and we will not be able to maintain our profitable growth, which could

adversely affect our business, operating results and financial condition.

Obsolete inventories as a result of changes in demand for our products and change in life cycles of our products could adversely affect our business, operating results and financial condition.

The life cycles of some of our products depend heavily upon the life cycles of the end-products into which our products are designed. End-market products with short life cycles require us to manage closely our production and inventory levels. Inventory may also become obsolete because of adverse changes in end-market demand. We may in the future be adversely affected by obsolete or excess inventories, which may result from unanticipated changes in the estimated total demand for our products or the estimated life cycles of the end-products into which our products are designed. In addition, some customers restrict how far back the date of manufacture for our products can be and certain customers may stop ordering products from us and go out of business due to adverse economic conditions; therefore, some of our product inventory may become obsolete and, thus, adversely affect our business, operating results and financial condition.

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If OEMs do not design our products into their applications, our net sales may be adversely affected.

We expect an increasingly significant portion of net sales will come from products we design specifically for our customers. However, we may be unable to achieve these design wins. In addition, a design win from a customer does not guarantee future sales to that customer. Without design wins from OEMs, we would only be able to sell our products to these OEMs as a second source, which usually means we are only able to sell a limited amount of product to them. Once an OEM designs another supplier's semiconductors into one of its product platforms, it is more difficult for us to achieve future design wins with that OEM's product platform because changing suppliers involves significant cost, time, effort and risk to an OEM. Achieving a design win with a customer does not ensure that we will receive significant net sales from that customer, and we may be unable to convert design wins into actual sales. Even after a design win, the customer is not obligated to purchase our products and can choose at any time to stop using our products, if, for example, its own products are not commercially successful.

We are subject to interest rate risk that could have an adverse effect on our cost of working capital and interest expenses, which could adversely affect our business, operating results and financial condition.

We currently have a U.S. banking credit facility under which we may draw up to \$500 million with the possibility of an additional \$200 million. A rise in interest rates could have an adverse impact upon our cost of working capital and our interest expense. As of December 31, 2015, an increase of 1% in interest rates on our outstanding debt would increase our annual interest rate expense by approximately \$5 million.

We may have a significant amount of debt with various financial institutions worldwide. Any indebtedness could adversely affect our business, operating results, financial condition and our ability to meet payment obligations under such debt.

We may have a significant amount of debt and substantial debt service requirements on our borrowings, including our credit facilities with various financial institutions worldwide. As of December 31, 2015 \$465 million was outstanding under our U.S. banking credit facility. In addition, we have short-term foreign credit facilities with borrowing capacities of approximately \$84 million and with \$1 million used for import and export guarantees. We have approximately \$2 million of foreign long-term debt.

A significant amount of debt could have significant consequences on our future operations, including:

- making it more difficult for us to meet our payment and other obligations under our outstanding debt;
- resulting in an event of default if we fail to comply with the financial and other restrictive covenants contained in our debt agreements, which event of default could result in all of our debt becoming immediately due and payable and, in the case of an event of default under our secured debt could permit the lenders to foreclose on our assets securing that debt;
- reducing the availability of our cash flow to fund working capital, capital expenditures, acquisitions and other general corporate purposes, and limiting our ability to obtain additional financing for these purposes;
- subjecting us to the risk of increased sensitivity to interest rate increases on our indebtedness with variable interest rates;
- limiting our flexibility in planning for, or reacting to, and increasing our vulnerability to, changes in our business, the industry in which we operate and the general economy; and
- placing us at a competitive disadvantage compared to our competitors that have less debt or are less leveraged.

Any of the above-listed factors could have an adverse effect on our business, operating results, financial condition and our ability to meet our payment obligations under our debt.

Restrictions in our credit facilities may limit our business and financial activities, including our ability to obtain additional capital in the future.

Our U.S. banking credit facility contains covenants imposing various restrictions on our business and financial activities. These restrictions may affect our ability to operate our business and undertake certain financial activities and may limit our ability to take advantage of potential business or financial opportunities as they arise. The restrictions these covenants place on us include limitations on our ability to incur liens, incur indebtedness, make investments, dissolve or merge or consolidate with or into another entity, dispose of certain property, make restricted payments, issue or sell equity interests, engage in other different material lines of business, conduct related party transactions, enter into certain burdensome contractual obligations and use proceeds from any credit facility to purchase or carry margin stock or to extend credit to others for the same purpose. The Credit Agreement also requires us to meet certain financial ratios, including a minimum consolidated fixed charge coverage ratio and a maximum consolidated leverage ratio.

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Our ability to comply with the U.S. banking credit facility may be affected by events beyond our control, including prevailing economic, financial and industry conditions, and are subject to the risks stated in this section of the Annual Report. The breach of any of these covenants or restrictions could result in an event of default under the facility. An event of default under the facility would permit the lenders under the facility to declare all amounts owed under such facility to be immediately due and payable in full. Upon acceleration of our indebtedness, we may be unable to repay the accelerated amount of principal and interest on the credit facilities that would then be due. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Financial Condition-Debt instruments” in Part II, Item 7 of this Annual Report for additional information.

Our business benefits from certain Chinese government incentives. Expiration of, or changes to, these incentives could adversely affect our operating results and financial condition.

The Chinese government has provided various incentives to technology companies, including our manufacturing facilities located in Shanghai and Chengdu, China, in order to encourage development of the high-tech industry. These incentives include reduced tax rates and other measures. As a result, we are entitled to a preferential enterprise income tax rate of 15% so long as our manufacturing facilities continue to maintain their High and New Technology Enterprise (“HNTE”) status. One of our Shanghai manufacturing facilities was approved for HNTE status for the tax years 2011-2013. For 2014 and future years, this facility no longer qualifies for HNTE status and, therefore, all of its income will be taxed at the statutory tax rate of 25%. Our other Shanghai manufacturing facility has been approved for HNTE status for the tax years 2015-2017. In addition, one of our wafer fabrication facilities and one research and development facility located in Shanghai have been approved for HNTE status for the tax years 2014-2016. HNTE qualification requires metrics based on China research and development expenditures as well as research and development headcount and overall college-degreed headcount. Any prior years that have already been approved are subject to audit requirements. If we were to no longer meet the HNTE requirements, our statutory tax rate for our approved Shanghai assembly and test facility and wafer fabrication facility would increase to 25% for any period in which an audit shows we were not compliant, which could adversely affect our operating results and financial condition.

In connection with our joint venture in Chengdu, China, we have qualified for tax incentives offered in the Go West Initiative (“Go West”), where companies are entitled to a preferential income tax rate of 15% for doing business in western China. If we were to no longer meet the Go West requirements, our statutory tax rate for this joint venture would increase to 25%, which could adversely affect our operating results and financial condition.

The impact of our HNTE and Go West status, collectively called tax holidays, decreased our tax expense by approximately \$3 million, \$2 million and \$2 million for the years ended December 31, 2015, 2014 and 2013, respectively. The benefit of the tax holidays on both basic and diluted earnings per share for the fiscal year ended December 31, 2015 was approximately \$0.06. The benefit of the tax holidays on both basic and diluted earnings per share for both the fiscal years ended December 31, 2014 and 2013 was approximately \$0.05.

We operate a global business through numerous foreign subsidiaries, and there is a risk that tax authorities will challenge our transfer pricing methodologies or legal entity structures, which could adversely affect our operating results and financial condition.

We conduct operations worldwide through our foreign subsidiaries and are, therefore, subject to complex transfer pricing regulations in the jurisdictions in which we operate. Transfer pricing regulations generally require that, for tax purposes, transactions between related parties be priced on a basis that would be comparable to an arm’s length transaction between unrelated parties. There is uncertainty and inherent subjectivity in complying with these rules. To the extent that any foreign tax authorities disagree with our transfer pricing policies, we could become subject to significant tax liabilities and penalties. Based on our current knowledge and probability assessment of potential outcomes, we believe that we have provided for all tax exposures. However, the ultimate outcome of a tax examination could differ materially from our provisions and could have a material adverse effect on our business,

financial condition, operating results and cash flows.

Our legal organizational structure could result in unanticipated unfavorable tax or other consequences which could have a material adverse effect on our financial condition and operational results. In some countries, we maintain multiple entities for tax or other purposes. Changes in tax laws, regulations, future jurisdictional profitability of us and our subsidiaries, and related regulatory interpretations in the countries in which we operate may impact the taxes we pay or tax provision we record, which could have a material adverse effect on our operating results. In addition, any challenges to how our entities are structured or realigned or their business purpose by taxing authorities could result in us becoming subject to significant tax liabilities and penalties which could have a material adverse effect on our business, financial condition, operating results and cash flows.

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The value of our benefit plan assets and liabilities is based on estimates and assumptions, which may prove inaccurate and the actual amount of expenses recorded in the consolidated financial statements could differ materially from the assumptions used.

Certain of our employees in the U.K. participate in a company-sponsored defined benefit plan, which is closed to new entrants and is frozen with respect to future benefit accruals. The retirement benefit is based on the final average compensation and service of each eligible employee. In accounting for these plans, we are required to make actuarial assumptions that are used to calculate the earning value of the related assets, where applicable, and liabilities and the amount of expenses to be recorded in our consolidated financial statements. Assumptions include, but are not limited to, the expected return on plan assets, discount rates, and mortality rates. While we believe the underlying assumptions under the projected unit credit method are appropriate, the carrying value of the related assets and liabilities and the actual amount of expenses recorded in the consolidated financial statements could differ materially from the assumptions used.

Changes in actuarial assumptions for our defined benefit plan could increase the volatility of the plan's asset value, require us to increase cash contributions to the plan and have a negative impact on our cash flows, operating results and financial condition.

The assets of our defined benefit pension plan (the "plan") in the U.K. provide pensions to employees and former employees. The plan's assets consist primarily of high-quality, corporate bonds and stocks traded on the London Stock Exchange and are determined, from time to time, based on their fair market value. The plan's obligation to pay pensions is estimated by using actuarial assumptions. To the extent that the plan's assets are not sufficient to meet the estimated amount of the plan's obligations, further funding of the plan will be required by the plan's sponsoring employers, Diodes Zetex Limited and Diodes Zetex Semiconductors Limited, over an agreed upon deficit recovery period.

As of December 31, 2015, the benefit obligation of the plan was approximately \$145 million and the total assets in such plan were approximately \$116 million. Therefore, the plan was underfunded by approximately \$29 million. The difference between plan obligations and assets, or the funded status of the plan, is a significant factor in determining the net periodic benefit costs of the plan and the ongoing funding requirements of the plan.

Any fluctuations in the U.K. equity markets and bond markets or changes in several key actuarial assumptions, including, but not limited to, changes in discount rate, estimated return on the plan and mortality rates, can (i) affect the level of plan funding, (ii) cause volatility in the net periodic pension cost, and (iii) increase our future funding requirements. In the event that actual results differ from the actuarial assumptions or actuarial assumptions are changed, the funding status of the plan may change. Any deficiency in the funding of the plan could result in additional charges to equity and an increase in future plan expense and cash contribution. A significant increase in our funding requirements could have a negative impact on our cash flows, operating results and financial condition.

During the second quarter of 2012, we adopted a payment plan with the trustees of the defined benefit plan, under which we would pay approximately British Pound ("GBP") 2 million (approximately \$3 million based on a USD:GBP exchange rate of 1.6:1) every year from 2012 through 2019. In the first quarter of 2015, based on the pension deficit, we adopted (as required every three years) an amended payment plan in which we will pay approximately GBP 2 million (approximately \$3 million based on a USD:GBP exchange rate of 1.6:1) annually through 2030. This revised payment plan resulted in an increase of total required contributions from GBP 8 million to GBP 33 million (approximately \$46 million). If we fail to reach an agreement with the trustees, as we are required to do every three years, the Pension Regulator in the U.K. could impose contributions on Diodes Zetex Limited or Diodes Zetex Semiconductors Limited, or in limited circumstances could require financial support to be provided to the plan from entities connected or associated with Diodes Zetex Limited or Diodes Zetex Semiconductors Limited.

Furthermore, Diodes Zetex Limited and Diodes Zetex Semiconductors Limited remain ultimately liable to fully fund the plan regardless of any failure to agree upon future contributions in respect of a particular actuarial valuation, i.e., if either the plan or those companies were wound up, a debt equal to each company's share of the entire outstanding deficit at that time (calculated on a statutory conservative basis) would be owed by the relevant company. This could have a material adverse effect on our cash flows, operating results and financial condition.

Certain of our customers and suppliers require us to comply with their codes of conduct, which may include certain restrictions that may substantially increase our cost of doing business as well as have an adverse effect on our operating efficiencies, operating results and financial condition.

Certain of our customers and suppliers require us to agree to comply with the Electronic Industry Code of Conduct ("EICC") or their own codes of conduct, which may include detailed provisions on labor, human rights, health and safety, environment, corporate ethics and management systems. Certain of these provisions are not requirements under the laws of the countries in which we operate and may be burdensome to comply with on a regular basis. Moreover, new provisions may be added or material changes may be made to any these codes of conduct, and we may have to promptly implement such new provisions or changes, which may substantially further increase the cost of our business, be burdensome to implement and adversely affect our operational efficiencies and operating results. If we violate any such codes of conduct, we may lose further business with the customer or supplier and, in addition, we may be subject to fines from the customer or supplier. While we believe that we are currently in compliance with our customers and suppliers' codes of conduct, there can be no assurance that, from time to time, if any one of our customers and suppliers audits our

compliance with such code of conduct, we would be found to be in full compliance. A loss of business from these customers or suppliers could have a material adverse effect on our business, operating results and financial condition.

Compliance with government regulations and customer demands regarding the use of “conflict minerals” may result in increased costs and may have a negative impact on our business, operating results and financial condition.

The Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 imposes new disclosure requirements regarding the use of certain minerals, which are mined from the Democratic Republic of Congo and adjoining countries, known as conflict minerals. When these new requirements are fully implemented, they could affect the pricing, sourcing and availability of minerals used in the manufacture of semiconductor devices (including our products). We are incurring additional costs associated with complying with the disclosure requirements, such as costs related to determining the source of any conflict minerals used in our products. Our supply chain is complex, and we may be unable to verify the origins for all metals used in our products. Customers may demand that the products they purchase be free of conflict minerals. Therefore, we may encounter challenges with our customers and stockholders if we are unable to certify that our products are conflict free. This requirement could affect the sourcing and availability of products we purchase from suppliers. This may reduce the number of suppliers that may be able to provide conflict-free products, and may affect our ability to obtain products in sufficient quantities to meet customer demand or at competitive prices.

There are risks associated with previous and future acquisitions. We may ultimately not be successful in overcoming these risks or any other problems encountered in connection with acquisitions.

The risks commonly encountered in acquisitions of companies include, among other things, higher than anticipated acquisition costs and expenses, the difficulty and expense in integrating the operations and personnel of the companies, the difficulty of bringing standards, procedures and controls into conformance with our operations, the ability to coordinate our new products and process development, the ability to hire additional management and other critical personnel, the ability to increase the scope, geographic diversity and complexity of our operations, difficulties in consolidating facilities and transferring processes and know-how, difficulties in reducing costs, prolonged diversion of our management’s attention from the management of our business, the ability to clearly define our present and future strategies, the loss of key employees and customers as a result of changes in management and any geographic distances may make integration slower and more challenging. We may ultimately not be successful in overcoming these risks or any other problems encountered in connection with acquisitions.

In addition, any acquisition may cause large one-time expenses as well as create goodwill and other intangible assets that may result in significant asset impairment charges in the future.

If we fail to maintain an effective system of internal controls or discover material weaknesses in our internal control over financial reporting, we may not be able to report our financial results accurately or detect fraud, which could harm our business and the trading price of our Common Stock.

Effective internal controls are necessary for us to produce reliable financial reports and are important in our effort to prevent financial fraud. We are required to periodically evaluate the effectiveness of the design and operation of our internal controls. These evaluations may result in the conclusion that enhancements, modifications or changes to our internal controls are necessary or desirable. While management evaluates the effectiveness of our internal controls on a regular basis, these controls may not always be effective. There are inherent limitations on the effectiveness of internal controls, including collusion, management override, and failure of human judgment. Because of this, control procedures are designed to reduce rather than eliminate business risks. If we fail to maintain an effective system of internal controls or if management or our independent registered public accounting firm were to discover material weaknesses in our internal controls, we may be unable to produce reliable financial reports or prevent fraud, which could harm our financial condition and operating results, and could result in a loss of investor confidence and a decline in our stock price.

Our management certification and auditor attestation regarding the effectiveness of our internal control over financial reporting as of December 31, 2015 excluded the operations of Pericom. If we are not able to integrate Pericom operations into our internal control over financial reporting, our internal control over financial reporting may not be effective.

Section 404 of the Sarbanes-Oxley Act (“SOX 404”) requires us to furnish a management certification and auditor attestation regarding the effectiveness of our internal control over financial reporting. As a public company, we are required to report, among other things, control deficiencies that constitute a “material weakness” or changes in internal control that materially affect, or are reasonably likely to materially affect, internal control over financial reporting. A “material weakness” is a deficiency, or a combination of deficiencies, in internal control over financial reporting such that there is a reasonable possibility that a material misstatement of the registrant’s annual or interim financial statements will not be prevented or detected on a timely basis.

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Complying with SOX 404 is time consuming and costly. The integration of Pericom operations into our internal control over financial reporting will require additional time and resources from our management and other personnel and may increase our compliance costs.

Failure to comply with SOX 404, including a delay in or failure to successfully integrate Pericom operations into our internal control over financial reporting, or the report by us of a material weakness may cause investors to lose confidence in our consolidated financial statements, and the trading price of our Common Stock may decline. If we fail to remedy any material weakness, our financial statements may be inaccurate, our access to the capital markets may be restricted and the trading price of our Common Stock may decline.

Terrorist attacks, or threats or occurrences of other terrorist activities, whether in the U.S. or internationally, may affect the markets in which our Common Stock trades, the markets in which we operate and our operating results and financial condition.

Terrorist attacks, or threats or occurrences of other terrorist or related activities, whether in the U.S. or internationally, may affect the markets in which our Common Stock trades, the markets in which we operate and our profitability. Future terrorist or related activities could affect our domestic and international sales, disrupt our supply chains and impair our ability to produce and deliver our products. Such activities could affect our physical facilities or those of our suppliers or customers. Such terrorist attacks could cause seaports or airports, to or through which we ship, to be shut down, thereby preventing the delivery of raw materials and finished goods to or from our manufacturing facilities in China, Taiwan and Germany and our wafer fabrication facilities in China, the U.S. and the U.K., or to our regional sales offices. Due to the broad and uncertain effects that terrorist attacks have had on financial and economic markets generally, we cannot provide any estimate of how these activities might negatively affect our future operating results and financial condition.

System security risks, data protection breaches, cyber-attacks and other related cybersecurity issues could disrupt our internal operations, and any such disruption could reduce our expected net sales, increase our expenses, damage our reputation and adversely affect our stock price.

Experienced computer programmers and hackers may be able to penetrate our security controls and misappropriate or compromise our confidential information or that of third parties, create system disruptions or cause shutdowns. Computer programmers and hackers also may be able to develop and deploy viruses, worms and other malicious software programs that attack our websites, products or otherwise exploit any security vulnerabilities of our websites and products. The costs to us to eliminate or alleviate cyber or other security problems, bugs, viruses, worms, malicious software programs and security vulnerabilities could be significant, and our efforts to address these problems may not be successful and could result in interruptions, delays, cessation of service, extortionate demands to decrypt files and loss of existing or potential customers that may impede our sales, manufacturing, distribution or other critical functions and materially adversely affect our operating results, stock price and reputation.

We manage and store various proprietary information and sensitive or confidential data relating to our business and third party business. Breaches of our security measures or the accidental loss, inadvertent disclosure or unapproved dissemination of proprietary information or sensitive or confidential data about us or our partners or customers, including the potential loss, encryption or disclosure of such information or data as a result of fraud, trickery or other forms of deception, could expose us, our partners and customers or the individuals affected to a risk of loss or misuse of this information, extortionate demands to decrypt files, result in litigation and potential liability for us, damage our brand and reputation or otherwise harm our business. In addition, the cost and operational consequences of implementing further data protection measures could be significant. Delayed sales, significant costs or lost customers resulting from these system security risks, data protection breaches, cyber-attacks and other related cyber-security issues could materially adversely affect our operating results, stock price and reputation.

## RISKS RELATED TO OUR INTERNATIONAL OPERATIONS

Our international operations subject us to risks that could adversely affect our operations.

We expect net sales from foreign markets to continue to represent a significant portion of our total net sales. In addition, the majority of our manufacturing facilities are located in China. In each of the years ended 2015, 2014 and 2013, our Asian and European subsidiaries represented approximately 90% of our net sales. There are risks inherent in doing business internationally, and any or all of the following factors could cause harm to our business:

- changes in, or impositions of, legislative or regulatory requirements, including income tax or value added tax laws in the U.S. and in the countries in which we manufacture or sell our products;
- compliance with trade or other laws in a variety of jurisdictions;
- trade restrictions, transportation delays, work stoppages, and economic and political instability;
- changes in import/export regulations, tariffs and freight rates;
- difficulties in collecting receivables and enforcing contracts;

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- currency exchange rate fluctuations;
  - restrictions on the transfer of funds from foreign subsidiaries to the U.S.;
- the possibility of international conflict, particularly between or among China, the U.K., Germany, Taiwan and the U.S.;
- legal, regulatory, political and cultural differences among the countries in which we do business;
- longer customer payment terms; and
- changes in U.S. or foreign tax regulations.

We have significant operations and assets in China, the U.K., Germany, Hong Kong and Taiwan and, as a result, will be subject to risks inherent in doing business in those jurisdictions, which may adversely affect our financial performance and operating results.

We have a significant portion of our assets in mainland China, U.K., Germany, Hong Kong and Taiwan. Our ability to operate in these countries may be adversely affected by changes in those jurisdictions' laws and regulations, including those relating to taxation, including, but not limited to income tax and value added tax, import and export tariffs, environmental regulations, land use rights, property and other matters. In addition, our operating results and financial performance are subject to the economic and political situations. We believe that our operations are in compliance with all applicable legal and regulatory requirements. However, the central or local governments of these jurisdictions may impose new, stricter regulations or interpretations of existing regulations that would require additional expenditures and efforts on our part to ensure our compliance with such regulations or interpretations.

Changes in the political environment or government policies in those jurisdictions could result in revisions to laws or regulations or their interpretation and enforcement, increased taxation, restrictions on imports, import duties or currency revaluations. In addition, a significant destabilization of relations between or among China, the U.K., Germany, Hong Kong, Taiwan and the U.S. could result in restrictions or prohibitions on our operations or the sale of our products or the forfeiture of our assets in these jurisdictions. There can be no certainty as to the application of the laws and regulations of these jurisdictions in particular instances. Enforcement of existing laws or agreements may be sporadic and implementation and interpretation of laws inconsistent. Moreover, there is a high degree of fragmentation among regulatory authorities, resulting in uncertainties as to which authorities have jurisdiction over particular parties or transactions. The possibility of political conflict between these countries or with the U.S. could have an adverse impact upon our ability to transact business in these jurisdictions and to generate profits.

A slowdown in the Chinese economy could limit the growth in demand for electronic devices containing our products, which would have a material adverse effect on our business, operating results and prospects.

We believe that an increase in demand in China for electronic devices that include our products will be an important factor in our future growth. Continuing weakness in the Chinese economy could result in a decrease in demand for electronic devices containing our products and, thereby, materially and adversely affect our business, operating results and prospects.

Economic regulation in China could materially and adversely affect our business, operating results and prospects.

We have a significant portion of our manufacturing capacity in mainland China. In addition, in 2015 approximately 60% of our total sales were shipped to customers in China. In recent years, the Chinese economy has experienced periods of rapid expansion and wide fluctuations in the rate of inflation. In response to these factors, the Chinese government has, from time to time, adopted measures to regulate growth and contain inflation, including measures designed to restrict credit or control prices. Such actions in the future could increase the cost of doing business in China or decrease the demand for our products in China and, thereby, have a material adverse effect on our business, operating results and prospects.

We could be adversely affected by violations of the United States' Foreign Corrupt Practices Act, the U.K.'s Bribery Act 2010 and similar worldwide anti-bribery laws.

The United States' Foreign Corrupt Practices Act ("FCPA"), the United Kingdom's Bribery Act 2010 (the "U.K. Bribery Act") and similar anti-bribery laws in other jurisdictions generally prohibit companies and their intermediaries from making improper payments to government officials for the purpose of obtaining or retaining business. Our policies mandate compliance with these anti-bribery laws. We operate in many parts of the world that may have experienced governmental corruption to some degree and, in certain circumstances, strict compliance with anti-bribery laws may conflict with local customs and practices. We train our staff concerning FCPA, the U.K. Bribery Act and related anti-bribery laws. We have established procedures and controls to monitor internal and external compliance. There can be no assurance that our internal controls and procedures always will protect us from reckless or criminal acts committed by our employees or agents. If we are found to be liable for FCPA, the U.K. Bribery Act and other anti-bribery law violations (either due to our own acts or inadvertence, or due to the acts or inadvertence of others), we could incur criminal or civil penalties or other sanctions, which could have a material adverse effect on our business and operating results.

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We are subject to foreign currency risk as a result of our international operations.

We face exposure to adverse movements in foreign currency exchange rates, principally the Chinese Yuan, the Taiwanese dollar, the Euro and the British Pound Sterling and, to a lesser extent, the Japanese Yen and the Hong Kong dollar. Our income and expenses are based on a mix of currencies and a decline in one currency relative to the other currencies could adversely affect our operating results. Furthermore, our operating results are reported in U.S. dollars, which is our reporting currency. In the event the U.S. dollar weakens against a foreign currency, we will experience a currency transaction loss, which could adversely affect our operating results. Also, fluctuations in foreign currency exchange rates may have an adverse impact and be increasingly influential to our overall sales, profits and operating results as amounts that are measured in foreign currency are translated back to U.S. dollars for reporting purposes. Our foreign currency risk may change over time as the level of activity in foreign markets grows and could have an adverse impact upon our financial results, especially if the portion of our sales attributable to Europe increases. We do not usually employ hedging techniques designed to mitigate foreign currency exposures and, therefore, we could experience currency losses as these currencies fluctuate against the U.S. dollar.

China is experiencing rapid social, political and economic change, which has increased labor costs and other related costs that could make doing business in China less advantageous than in prior years. Increased labor costs in China could adversely affect our business, operating results and financial condition.

Historically, labor in China has been readily available at a lower cost compared to other countries, and any increase in labor cost in China has been consistent with the projected annual increase in the inflation index and the amount of past labor cost increases. However, because China is experiencing rapid social, political and economic change, there can be no assurance that labor will continue to be available in China at costs consistent with historical levels. Any future increase in labor cost in China is likely to be higher than historical and projected amounts and may occur multiple times in any given year. As a result of experiencing such rapid social, political and economic change, China is also likely to enact new, and/or revise its existing, labor laws and regulations on employee compensation and benefits. These changes in Chinese labor laws and regulations will likely to have an adverse effect on product manufacturing costs in China. Furthermore, if China workers go on strike to demand higher wages, our operations could be disrupted. Many of our suppliers are currently dealing with labor shortages in China, which may result in future supply delays and disruptions and may drive a substantial increase in their labor costs that is likely to be shared by us in the form of price increases to us. New or revised government labor laws or regulations, strikes or labor shortages could cause our product costs to rise and/or could cause manufacturing partners on whom we rely to exit the business. These events could have a material adverse impact on our product availability and quality, which would affect our business, operating results and financial condition.

We may not continue to receive preferential tax treatment in Asia, thereby increasing our income tax expense and reducing our net income.

As an incentive for establishing our manufacturing subsidiaries in China, we receive preferential tax treatment. Governmental changes in foreign tax law may cause us not to be able to continue receiving these preferential tax treatments in the future, which may cause an increase in our income tax expense, thereby reducing our net income.

The distribution of any earnings of our foreign subsidiaries to the U.S. may be subject to U.S. income taxes, thus reducing our net income.

We intend to permanently reinvest overseas all earnings from foreign subsidiaries, except to the extent such undistributed earnings have previously been subject to U.S. tax. As of December 31, 2015, we had undistributed earnings from non-U.S. operations of approximately \$536 million (including approximately \$42 million of restricted earnings, which are not available for dividends). Undistributed earnings of our China subsidiaries comprise \$383 million of this total. Additional U.S. federal and state income taxes of approximately \$146 million would be required should the \$536 million of such earnings be repatriated to the U.S. as dividends.

In the future, if we plan to distribute earnings of our foreign subsidiaries to the U.S, we may be required to pay U.S. income taxes on these earnings to the extent we have not previously recorded deferred U.S. taxes on such earnings. Any such taxes would reduce our net income in the period in which these earnings are distributed.

#### RISKS RELATED TO OUR COMMON STOCK

Variations in our quarterly operating results may cause our stock price to be volatile.

We have experienced substantial variations in net sales, gross profit margin and operating results from quarter to quarter. We believe that the factors that influence this variability of quarterly results include:

- strength of the global economy and the stability of the financial markets;
- general economic conditions in the countries where we sell our products;

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- seasonality and variability in the computing and communications market and our other end-markets;
- the timing of our and our competitors' new product introductions;
- product obsolescence;
- the scheduling, rescheduling and cancellation of large orders by our customers;
- the cyclical nature of the demand for our customers' products;
- our ability to develop new process technologies and achieve volume production at our fabrication facilities;
- changes in manufacturing yields;
- adverse movements in exchange rates, interest rates or tax rates; and
- the availability of adequate supply commitments from our outside suppliers or subcontractors.

Accordingly, a comparison of our operating results from period to period is not necessarily meaningful to investors and our operating results for any period do not necessarily indicate future performance. Variations in our quarterly results may trigger volatile changes in our stock price.

General or industry specific market conditions or stock market performance or domestic or international macroeconomic and geopolitical factors unrelated to our performance also may affect the price of our stock. For these reasons, investors should not rely on recent or historical trends to predict future stock prices, financial condition, operating results or cash flows. In addition, as discussed in Part I, Item 3 "Legal Proceedings" of this Annual Report, we are involved in several lawsuits. Additional volatility in the price of our securities could result in the filing of additional litigation, which could result in substantial costs and the diversion of management time and resources.

We may enter into future acquisitions and take certain actions in connection with such acquisitions that could adversely affect the price of our Common Stock.

As part of our growth strategy, we expect to review acquisition prospects that would implement our vertical integration strategy or offer other growth opportunities. From time to time, we may be in various stages of discussions and we may acquire businesses, products or technologies in the future. In the event of future acquisitions, we could:

- use a significant portion of our available cash;
- issue equity securities, which would dilute current stockholders' percentage ownership;
- incur substantial debt;
- incur or assume contingent liabilities, known or unknown;
  - incur amortization expenses related to intangibles;
- incur large, immediate accounting write-offs; and
- create goodwill and other intangible assets that may require impairment charges in the future.

Such actions by us could harm our operating results and adversely affect the price of our Common Stock.

Our directors, executive officers and significant stockholders hold a substantial portion of our Common Stock, which may lead to conflicts with other stockholders over corporate transactions and other corporate matters.

Our directors, executive officers and our affiliate, LSC, beneficially own approximately 24% of our outstanding Common Stock, including options to purchase shares of our Common Stock that are exercisable within 60 days of December 31, 2015. These stockholders, acting together, will be able to influence significantly all matters requiring stockholder approval, including the election of directors and significant corporate transactions such as mergers or other business combinations. This control may delay, deter or prevent a third party from acquiring or merging with us, which could adversely affect the market price of our Common Stock.

LSC, our largest stockholder, owns approximately 17% (approximately 8.1 million shares) of our Common Stock. Some of our directors and executive officers may have potential conflicts of interest because of their positions with LSC or their ownership of LSC common stock.

Raymond Soong, the Chairman of the Board of Directors, is the Chairman of LSC, and is the Chairman of Lite-On Technology Corporation (“LTC”), a significant shareholder of LSC. C.H. Chen, our former President and Chief Executive Officer and currently the Vice Chairman of the Board of Directors, is also Vice Chairman of LSC and a board member of LTC. Dr. Keh-Shew Lu, a member of our Board of Directors and our President and Chief Executive Officer, is a board member of LTC and a board member of Nuvoton. L.P. Hsu, a member of the Board of Directors since 2007, serves as a consultant to LTC and a supervisor of the board of Nuvoton. Several of our directors and executive officers may own LSC common stock or hold options to purchase LSC common stock. Service on our Board of Directors and as a director or officer of LSC, or ownership of LSC common stock by our directors and executive officers, could create, or appear to create, actual or potential conflicts of interest when directors and officers are faced with

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decisions that could have different implications for LSC and us. For example, potential conflicts could arise in connection with decisions involving the Common Stock owned by LSC, or under the other agreements we may enter into with LSC. In 2015, 2014 and 2013, LSC accounted for approximately 2%, 3%, and 4%, respectively, of our silicon wafer supply, and 3%, 2% and 3%, respectively, of our finished goods supply.

We may have difficulty resolving any potential conflicts of interest with LSC, and even if we do, the resolution may be less favorable than if we were dealing with an unrelated third party.

We were formed in 1959, and our early corporate records are incomplete. As a result, we may have difficulty in assessing and defending against claims relating to rights to our Common Stock purporting to arise during periods for which our records are incomplete.

We were formed in 1959 under the laws of California and reincorporated in Delaware in 1968. We have had several transfer agents since being formed. In addition, our early corporate records, including our stock ledger, are incomplete. As a result, we may have difficulty in assessing and defending against claims relating to rights to our Common Stock purporting to arise during periods for which our records are incomplete.

Non-cash tender offers, debt equity swaps or equity exchanges to consummate our business activities are likely to have the effect of diluting the ownership interest of existing stockholders, including qualified stockholders who receive shares of our Common Stock in such business activities.

We, from time to time, may utilize non-cash tender offers, debt equity swaps or equity exchanges in accordance with the guidance and rules promulgated by the SEC to consummate our business activities. Such means to consummate our business activities will likely involve issuance of our Common Stock in large quantities and will subsequently dilute the ownership interest of existing stockholders, including stockholders who previously received shares of our Common Stock in such transactions. Any sales in the public market of the newly issued Common Stock could adversely affect prevailing market prices of our Common Stock. In addition, utilizing non-cash tender offers, debt equity swaps or equity exchanges may encourage short selling because such utilization could depress the price of our Common Stock.

Anti-takeover effects of certain provisions of Delaware law and our Certificate of Incorporation and Bylaws, may hinder a take-over attempt.

Some provisions of Delaware law, our certificate of incorporation and bylaws may be deemed to have an anti-takeover effect and may delay or prevent a tender offer or takeover attempt, including those attempts that might result in a premium over the market price for the shares held by stockholders.

Section 203 of Delaware General Corporation Law may deter a take-over attempt.

Section 203 of the Delaware General Corporation Law prohibits transactions between a Delaware corporation and an "interested stockholder," which is defined as a person who, together with any affiliates or associates, beneficially owns, directly or indirectly, 15.0% or more of the outstanding voting shares of a Delaware corporation. This provision prohibits certain business combinations between an interested stockholder and a Delaware corporation for a period of three years after the date the stockholder becomes an interested stockholder, unless:

- (i) either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder is approved by the corporation's board of directors prior to the date the interested stockholder becomes an interested stockholder;
- (ii) the interested stockholder acquired at least 85.0% of the voting stock of the corporation (other than stock held by directors who are also officers or by certain employee stock plans) in the transaction in which the stockholder became an interested stockholder; or

(iii) the business combination is approved by a majority of the board of directors and by the affirmative vote of 66-2/3% of the outstanding voting stock that is not owned by the interested stockholder.

For this purpose, business combinations include mergers, consolidations, sales or other dispositions of assets having an aggregate value in excess of 10.0% of the aggregate market value of the consolidated assets or outstanding stock of the corporation, and certain transactions that would increase the interested stockholder's proportionate share ownership in the corporation.

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Certificate of Incorporation and Bylaw Provisions may deter a take-over attempt.

Provisions of our certificate of incorporation and bylaws may have the effect of making it more difficult for a third party to acquire control of us. In particular, our certificate of incorporation authorizes our Board of Directors to issue, without further action by the stockholders, up to 1,000,000 shares of preferred stock with rights and preferences, including voting rights, designated from time to time by the Board of Directors. The existence of authorized but unissued shares of preferred stock enables our Board of Directors to render it more difficult or to discourage an attempt to obtain control of us by means of a merger, tender offer, proxy contest or otherwise.

Item 1B. Unresolved Staff Comments.

None

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## Item 2. Properties.

Our primary physical properties at December 31, 2015 were as follows:

Primary use	Location	Lease Expiration	Year Purchased	Sq. Ft.
Headquarters/R&D center	USA - Plano, Texas		2010	42,000
Regional sales/Administrative office	USA - Westlake Village, California	May 2016		1,500
Regional sales office/R&D center	USA - San Jose, California	July 2017		4,000
Regional sales office	USA - Amherst, New Hampshire	Monthly		< 1,000
Land (future headquarters site)	USA - Plano, Texas		2008	16 acres
Manufacturing facility/R&D center	USA - Lee's Summit, Missouri	Dec 2017		70,000
Regional sales office	Germany - Munich	July 2016		6,000
Manufacturing facility/R&D center	England - Manchester		1998	75,000
Administrative/Logistics	England - Manchester		2004	81,000
Manufacturing facility/R&D center	Germany - Neuhaus		1996	53,000
Regional sales office	China - Shanghai		2010	7,000
Regional sales office	China - Shanghai		2013	10,000
Regional sales office	China - Shanghai		2014	1,200
Regional sales office	China - Shenzhen	Jan 2019		17,286
Manufacturing facility/R&D/Logistics	China - Shanghai	June 2019		691,913
Manufacturing facility	China - Chengdu		2015	698,000
Dormitory	China - Shanghai	June 2021		56,855
SDC	China - Shanghai	June 2020		26,910
Manufacturing facility/R&D/Logistics/Dormitory	China - Shanghai	Aug 2019		186,878
Manufacturing facility	China - Chengdu	June 2016		40,000
Manufacturing facility/R&D/Logistics	China - Shanghai	Feb 2056		567,090
Manufacturing facility/R&D/Logistics	China - Shanghai	Dec 2020		59,902
Logistics center	China - Shanghai	Dec 2016		5,767
Regional sales office	South Korea - Seongnam-si	May 2016		2,000
Regional sales office	South Korea - Gyunggi-Do	Oct 2016		< 1,000
R&D center	Taiwan - Hsinchu	Nov 2018		26,000
Sales/Administrative/Logistics	Taiwan - Taipei		2006	35,500
Sales/Administrative/Logistics	Taiwan - Taipei		2014	11,000
Regional sales office	Taiwan - Kaohsiung City	July 2016		< 1,000
Regional Sales/Administrative office	Taiwan - Taipei		2000-2008	11,000
Manufacturing facility	Taiwan - Taipei	Nov 2018		62,000
R&D center/Logistics/Administrative	Taiwan - Taipei	Nov 2018		50,000
Pericom:				
Administrative/R&D	Milpitas, CA		2012	85,040
Regional Sales/Administrative office	Taiwan - Taipei		2008	11,390
Manufacturing facility/Subsidiary Headquarters	Taiwan - Taoyuan City		2000	78,762
R&D Team Office	Taiwan - Zhubei City	Jan 2017		2,430
R&D Team Office	Taiwan - Zhunan City	Mar 2018		1,270
Factory plant	China - Jinan, Shandong		2009	145,568
Headquarters & Administrative Building	China - Jinan, Shandong		2010	93,423
R&D Building	China - Jinan, Shandong		2012	81,523
IC Design Centre	China - Shanghai		1995	30,036



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Staff Dormitory	China - Shanghai, China	1998	1,567
Management; Regional Sales Office	China - Shenzhen, China	Dec 2017	6,524
IC Design Centr; Management	China - Yangzhou	Oct 2016	21,528
Office Building	China - Yangzhou	2015	6,085
IC Design Center; Regional Sales Office, Management	Hong Kong	May 2018	9,113

We believe our current facilities are adequate for the foreseeable future.

Item 3. Legal Proceedings.

From time to time, we are involved in various legal proceedings that arise in the normal course of business. While we intend to defend any lawsuit vigorously, we presently believe that the ultimate outcome of any current pending legal proceeding will not have any material adverse effect on our financial position, cash flows or operating results. However, litigation is subject to inherent uncertainties, and unfavorable rulings could occur. An unfavorable ruling could include monetary damages, which could impact our business and operating results for the period in which the ruling occurs or future periods. See Note 15 of the Notes to Consolidated Financial Statements for detailed information regarding the status of our lawsuits.

Item 4. Mine Safety Disclosures.

Not Applicable.

## PART II

## Item 5. Market for Registrant's Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities.

## Market Information

Our Common Stock is traded on the Nasdaq Global Select Market ("NasdaqGS") under the symbol "DIOD." The following table shows the range of high and low closing sales prices per share for our Common Stock for each fiscal quarter from January 1, 2014 as reported by NasdaqGS.

Calendar Quarter Ended	Closing Sales Price of Common Stock	
	High	Low
	First quarter 2016 (through February 23, 2016)	\$22.30
Fourth quarter 2015	25.09	19.06
Third quarter 2015	24.11	18.88
Second quarter 2015	28.32	24.11
First quarter 2015	30.43	25.83
Fourth quarter 2014	27.74	20.00
Third quarter 2014	30.05	23.92
Second quarter 2014	30.30	25.80
First quarter 2014	26.12	22.12

## Holders and Recent Stock Price

On February 23, 2016, the closing sales price of our Common Stock as reported by NasdaqGS was \$17.98, and there were approximately 326 holders of record of our Common Stock.

## Dividends

We have never declared or paid cash dividends on our Common Stock, and currently do not intend to pay dividends in the foreseeable future as we intend to retain any earnings for use in our business. Our U.S. banking credit facility permits us to pay dividends up to \$1.5 million per fiscal year to our stockholders so long as we have not defaulted and are in continuing operation at the time of such dividend. The payment of dividends is within the discretion of our Board of Directors, and will depend upon, among other things, our earnings, financial condition, capital requirements, and general business conditions.

## Securities Authorized for Issuance Under Equity Compensation Plans

The information regarding our equity compensation plans required to be disclosed by Item 201(d) of Regulation S-K is incorporated by reference from our 2016 definitive proxy statement into Item 12 of Part III of this Annual report.

## Performance Graph

The following graph compares the yearly percentage change in the cumulative total stockholder return of our Common Stock against the cumulative total return of the Nasdaq Composite and the Nasdaq Industrial Index for the five calendar years ending December 31, 2015. The graph is not necessarily indicative of future price performance.

The graph shall not be deemed incorporated by reference by any general statement incorporating by reference this Annual Report into any filing under the Securities Act of 1933 or under the Securities Exchange Act of 1934, except to the extent that the Company specifically incorporates this information by reference, and shall not otherwise be deemed filed under such Acts.

Source: Prepared by Zacks Investment Research, Inc. Used with permission. All rights reserved. Copyright 1980-2016.

The graph assumes \$100 invested on December 31, 2010 in our Common Stock, the stock of the companies in the Nasdaq Composite Index and the stock of companies in the Nasdaq Industrial Index, and that all dividends received within a quarter, if any, were reinvested in that quarter.

December 2015		2010	2011	2012	2013	2014	2015
Diodes Incorporated	Return %		(21.08 )	(18.54 )	35.79	17.02	(16.65 )
	Cum \$	100	78.92	64.28	87.29	102.15	85.14
NASDAQ Industrial Index	Return %		0.31	21.52	44.54	2.98	9.56
	Cum \$	100	100.31	121.90	176.19	181.44	198.79
NASDAQ Composite-Total Returns	Return %		(0.83 )	17.45	40.12	14.75	6.96
	Cum \$	100	99.17	116.48	163.21	187.27	200.31

## Issuer Purchases of Equity Securities

The Company repurchases shares of its Common Stock from time to time pursuant to publicly announced share repurchase programs. During 2015, the Company repurchased 466,010 of its common shares at a cost of \$11 million. All purchases were made through open market transactions and were recorded as treasury stock. The following table contains information for shares repurchased during the fourth quarter of 2015. None of the shares in this table were repurchased directly from any of our officers or directors.

Period	Total Number of Shares Purchased (a)	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Approximate Dollar Value of Shares that May Yet Be Purchased Under the Plans or Programs
Nov-15	78,992	\$ 22.90	78,992	\$98,190,827
Dec-15	387,018	23.77	466,010	88,990,673

(a) Share repurchases are made pursuant to a share repurchase program authorized in November 2015 by the Company's board of directors to

repurchase up to an aggregate of \$100,000,000 of the Company's outstanding Common Stock, \$0.66 2/3 par value per share. The share

repurchase program is expected to continue through the end of 2019 unless extended or shortened by the Board of Directors. Average price

paid per share includes broker commissions.





Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.

The following section discusses management's view of the financial condition, results of operations and cash flows of Diodes Incorporated and its subsidiaries (collectively, "the Company," "our Company," "we," "our," "ours," or "us") and should be read together with the consolidated financial statements and the notes to consolidated financial statements included elsewhere in this Form 10-K.

The following discussion contains forward-looking statements and information relating to our Company. We generally identify forward-looking statements by the use of terminology such as "may," "will," "could," "should," "potential," "continue," "expect," "intend," "plan," "estimate," "anticipate," "believe," "project," or similar phrases or the negatives of such phrases. We base these statements on our beliefs as well as assumptions we made using information currently available to us. Such statements are subject to risks, uncertainties and assumptions, including those identified in Part I, Item 1A. "Risk Factors," as well as other matters not yet known to us or not currently considered material by us. Should one or more of these risks or uncertainties materialize, or should underlying assumptions prove incorrect, actual results may vary materially from those anticipated, estimated or projected. Given these risks and uncertainties, prospective investors are cautioned not to place undue reliance on such forward-looking statements. Forward-looking statements do not guarantee future performance and should not be considered as statements of fact.



You should not unduly rely on these forward-looking statements, which speak only as of the date of this Annual Report on Form 10-K. Unless required by law, we undertake no obligation to publicly update or revise any forward-looking statements to reflect new information or future events or otherwise. The Private Securities Litigation Reform Act of 1995 (the “Act”) provides certain “safe harbor” provisions for forward-looking statements. All forward-looking statements made in this Annual Report on Form 10-K are made pursuant to the Act.

#### Summary of the Year Ended December 31, 2015

- We acquired Pericom Semiconductor Corporation in November for approximately \$403.2 million;
- During the fourth quarter we incurred costs of approximately \$8 million for Pericom employees for restricted stock awards and change-in-control agreements.
- Net sales were \$849 million, a decrease of 4.7% from the \$891 million in 2014;
- Gross profit was \$249 million, or 29.3% of net sales, a decrease of 10.1% from the \$277 million, in 2014, or 31.1% of net sales, in 2014;
- Selling and administrative expenses were up \$5.5 million, primarily related to costs associated with the Pericom acquisition, when compared to 2014;
- Net income attributable to common stockholders was \$24 million, or \$0.49 per diluted share, compared to \$64 million, or \$1.31 per diluted share, in 2014;
- Cash flow from operations was \$118 million compared to \$134 million in 2014; and
- We repurchased approximately \$11 million or 466,010 shares of our outstanding common stock.

#### Summary of the Year Ended December 31, 2014

- Net sales for 2014 increased approximately 8% to \$891 million, compared to \$827 million in 2013;
- Gross profit for 2014 was \$277 million, or 31.1% of net sales, an increase of 17% from the \$238 million, or 28.8% of net sales, in 2013. BCD’s margins improved from 2013 to 2014 but still negatively impacted our total gross margin by approximately 160 basis points, as compared to approximately 120 basis points in 2013;
- Selling, general and administrative expenses, as a percentage of net sales, decreased 100 basis points to 15.0% for 2014 compared to 16.0% for 2013;
- Net income attributable to common stockholders for 2014 was \$64 million, or \$1.31 per diluted share, an increase of 140% from the \$27 million, or \$0.56 per diluted share, in 2013; and
- Cash flow from operations for 2014 was \$134 million, an increase of 22% from the \$110 million generated in 2013.

#### Business Acquisitions

In the fourth quarter of 2015, we completed the acquisition of Pericom for aggregate consideration of approximately \$403.2 million, excluding acquisition costs, fees and expenses. The cash portion of the acquisition price was funded by borrowings under our bank credit facilities and use of existing cash. Pericom’s financial results have been included in our consolidated financial statements from November 24, 2015.

In the first quarter of 2013, we completed the acquisition of BCD for an aggregate consideration of approximately \$155 million, excluding acquisition costs, fees and expenses, plus a \$5 million employee retention plan.

#### Business Outlook

Looking forward, we remain focused on achieving our goal of \$1 billion in annual revenue with model gross margins of 35%. Acquisitions remain a key part of our growth strategy to reach our revenue goal. We have a solid pipeline of designs and expanded customer relationships across all regions and product lines. The success of our business depends on, among other factors, the strength of the global economy and the stability of the financial markets, our customers’ demand for our products, the ability of our customers to meet their payment obligations, the likelihood of customers not canceling or deferring existing orders, and the strength of consumers’ demand for items containing our products in the end-markets we serve. We believe the long-term outlook for our business remains generally favorable despite the uncertainties in the global economy as we continue to execute on the strategy that has proven successful for us over

the years. See “Risk Factors – The success of our business depends on the strength of the global economy and

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the stability of the financial markets, and any weaknesses in these areas may have a material adverse effect on our net sales, operating results and financial condition.” in Part I, Item 1A of this Annual Report for additional information.

#### Factors Relevant to Our Results of Operations

In 2015, the following factors affected, and, we believe, will continue to affect, our results of operations:

- We continue to experience pressure from our customers to reduce the selling price for our products, and we expect future improvements in net income to result primarily from increases in sales volume and improvements in product mix, as well as manufacturing cost reductions in order to offset any reduction in average selling prices of our products.
- For the years ended December 31, 2015, 2014 and 2013, our original equipment manufacturer (“OEM”) and electronic manufacturing services (“EMS”) customers together accounted for 33%, 33% and 37% of net sales, respectively, while our global network of distributors accounted for 67%, 67% and 63% of net sales, respectively.
- Our gross profit margin was 29.3% in 2015, compared to 31.1% in 2014 and 28.8% in 2013. The decline in gross profit margin in 2015 was due to lower capacity utilization, product mix and pricing. Future gross profit margins will depend primarily on market prices, our product mix, manufacturing cost savings, and the demand for our products.
- For 2015, the percentage of our net sales derived from our Asian subsidiaries was 80%, compared to 80% in 2014 and 82% in 2013. Europe accounted for approximately 11%, 10% and 9% of our net sales in 2015, 2014 and 2013, respectively. In addition, North America accounted for approximately 9%, 10% and 9% of our net sales in 2015, 2014 and 2013, respectively.
- For 2015, our capital expenditures were approximately 16.2% of net sales, which is higher than our previous 5% to 9% of net sales model. The increase in 2015 was primarily due to the Chengdu, China site expansion. The Chengdu, China site expansion is a long-term, multi-year project that will provide us additional capacity as needed.
- During 2015, we invested approximately \$133 million in our manufacturing and wafer fabrication facilities in China, and we expect to continue to invest in our facilities, although the amount to be invested will depend on product demand and new product developments.
- Our investment in research and development for 2015 increased to approximately \$57.0 million, or 6.7% of net sales, compared to \$52 million, or 5.9% of net sales, in 2014. Approximately \$1 million of the increase in research and development for 2015 is related to expense for restricted stock grants and change-in-control agreements for Pericom employees. We expect research and development costs to continue to increase as we look to invest in developing new products.

#### Description of Sales and Expenses

##### Net sales

The principal factors that have affected or could affect our net sales from period to period are:

- The condition of the economy in general and of the semiconductor industry in particular.
- Our customers’ adjustments in their order levels.
  - Changes in our pricing policies or the pricing policies of our competitors or suppliers.
- The addition or termination of key supplier relationships.
- The rate of introduction and acceptance by our customers of new products.
- Our ability to compete effectively with our current and future competitors.
- Our ability to enter into and renew key corporate and strategic relationships with our customers, vendors and strategic alliances,
- Changes in foreign currency exchange rates.

- A major disruption of our information technology infrastructure.
- Unforeseen catastrophic events, such as armed conflict, terrorism, fires, typhoons and earthquakes, and
- Any other disruptions, such as labor shortages, unplanned maintenance or other manufacturing problems.

Cost of goods sold

Cost of goods sold includes manufacturing costs for our semiconductors and our wafers. These costs include raw materials used in our manufacturing processes as well as labor costs and overhead expenses. Cost of goods sold is also impacted by yield improvements, capacity utilization and manufacturing efficiencies. In addition, cost of goods sold includes the cost of products that we purchase from other manufacturers and sell to our customers. Cost of goods sold is also affected by inventory obsolescence if our inventory management is not efficient.

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#### Selling, general and administrative expenses

Selling, general and administrative expenses relate primarily to compensation and associated expenses for personnel in general management, sales and marketing, information technology, engineering, human resources, procurement, planning and finance, and sales commissions, as well as outside legal, investor relations, accounting, consulting and other operating expenses. Also included in selling, general and administrative expenses are acquisition costs from business combinations.

#### Research and development expenses

Research and development expenses consist of compensation and associated costs of employees engaged in research and development projects, as well as materials and equipment used for these projects. Research and development expenses are primarily associated with our wafer facilities in China, Kansas City, Missouri and Manchester, U.K. and our manufacturing facilities in Taiwan and China, as well as with our engineers in the U.S. and Taiwan. All research and development expenses are expensed as incurred.

#### Amortization of acquisition-related intangible assets

Amortization of acquisition-related intangible assets consists of assets such as developed technologies and customer relationships.

#### Impairment of goodwill

Impairment of goodwill consists of the impairment amount recognized as a result of a reporting unit's goodwill exceeding its implied fair value.

#### Restructuring

Restructuring consists of charges to reduce our cost structure to enhance operating effectiveness and improve profitability.

#### Gain on sale of assets

Gain on sale of assets consists of the sale of certain assets such as intangibles or buildings.

#### Interest income / expense

Interest income consists of interest earned on our cash and investment balances. Interest expense consists of interest payable on our outstanding credit facilities and other debt instruments.

#### Gain (loss) on securities carried at fair value

From time to time we may hold investments in the form of common stock or some other similar equivalent and have elected fair value accounting treatment.

#### Income tax provision

Our global presence requires us to pay income taxes in a number of jurisdictions. See Note 10 of "Notes to Consolidated Financial Statements" for additional information.

#### Net income attributable to noncontrolling interest

This represents the minority investors' share of our subsidiaries' earnings.

Net income attributable to common stockholders

Net income attributable to common stockholders is net income less net income attributable to noncontrolling interest.

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## Results of Operations

The following table sets forth, for the periods indicated, the percentage that certain items in the statements of income bear to net sales and the percentage dollar increase (decrease) of such items from period to period.

	Percent of Net Sales Year Ended December 31,			Percentage Dollar Increase (Decrease) Year Ended December 31, '14 to '13 to '14	
	2015	2014	2013	'15	'14
Net sales	100 %	100 %	100 %	(5 %)	8 %
Cost of goods sold	(70.7)	(68.9)	(71.2)	(2 )	4
Gross profit	29.3	31.1	28.8	(10)	17
Operating expenses	(24.3)	(21.6)	(23.0)	7	(1 )
Income from operations	5.0	9.5	6.0	(50)	100
Interest income	0.1	0.2	0.0	(32)	15
Interest expense and amortization of debt discount	(0.5 )	(0.5 )	(1.0 )	(2 )	(22 )
Gain (loss) on securities carried at fair value	0.0	0.2	0.0	(71)	127
Other income (expenses)	0.2	0.3	0.0	(56)	NM
Income before income					
taxes and noncontrolling interest	4.8	9.7	5.0	(53)	123
Income tax provision	1.7	2.3	2.0	(31)	41
Net income	3.1	7.4	3.0	(60)	172
Net (income) loss attributable to noncontrolling interest	(0.2 )	(0.2 )	0.0	15	(181)
Net income attributable to common stockholders	2.9	7.1	3.0	(62)	140

The following discussion explains in greater detail our consolidated operating results and financial condition. This discussion should be read in conjunction with the consolidated financial statements and notes thereto appearing elsewhere in this Annual Report (in thousands).

## Year 2015 Compared to Year 2014

## Net sales and gross profit margin

	2015	2014	Increase/ (Decrease)	% Change
Net sales	\$848,904	\$890,651	\$(41,747 )	(5 )%
Cost of goods sold	600,321	613,372	(13,051 )	(2 )
Gross profit	248,583	277,279	(28,696 )	(10 )
Gross profit margin	29.3 %	31.1 %	-	

The decrease in net sales for 2015 compared to 2014 was representative of weaker demand across several key end markets and geographies and lower average selling prices. The decrease in net sales was partially offset by revenue of approximately \$15 million recorded related to Pericom. The softer environment negatively impacted the loading and utilization at our manufacturing facilities. As a percent of sales, cost of goods sold increased to 70.7% for 2015, compared to 68.9% in the same period last year, reflecting the decline in total revenue, the lower average selling prices, and the reduction in factory utilization. Cost of sales included \$10.7 million from Pericom operations. Additionally there was approximately \$1 million of expense for restricted stock awards and change-in-control agreements for Pericom employees.

## Operating expenses

	2015	2014	Increase/ (Decrease)	% Change
Selling, general and administrative ("SG&A")	\$ 139,245	\$ 133,701	\$ 5,544	4
Research and development ("R&D")	57,027	52,136	4,891	9
Amortization of acquisition-related intangible assets	8,596	7,914	682	9
Loss (gain) on sale of assets	1,613	(983 )	2,596	264
Total	\$ 206,481	\$ 192,768	\$ 13,713	7

Total operating expenses for 2015 increased approximately \$14 million, or 7% when compared to 2014. Included in operating expenses for 2015 are approximately \$5 million from Pericom operations and additional expenses of approximately \$7 million for Pericom employees for restricted stock awards and change-in-control agreements. Of the components within operating expenses,



R&D, as a percentage of sales, increased slightly to 6.7% for 2015, compared to 5.9% in the same period last year. R&D expense increased primarily due \$1 million of expense for restricted stock grants and change-in-control agreements for Pericom employees, packaging related development activity and increased investment associated with the Pericom acquisition in November 2015, amortization of acquisition-related intangible assets increased reflecting the Pericom acquisition, and the loss on sale of assets reflects the impairment of old assets during 2015 in our BCD wafer fab that are not able to convert from six inch to eight inch wafer diameter production, and the gain realized on the sale of fixed assets in 2014 that did not repeat in 2015. SG&A, as a percentage of sales, increased slightly to 16.4% of sales for 2015, compared to 15.0% in the same period last year. Included in SG&A expense for 2015 was approximately \$6 million for Pericom employees related to restricted stock grants and change-in-control agreements.

## Other income/(expenses)

	2015	2014	Increase/ (Decrease)	% Change
Interest income	\$1,006	\$1,470	\$ (464 )	(32 )%
Interest expense	(4,232)	(4,332)	(100 )	(2 )
Gain on securities carried at fair value	400	1,364	(964 )	(71 )
Other income (expenses)	1,319	2,979	(1,660 )	(56 )
Total	\$(1,507)	\$1,481	\$ (3,188 )	(215 )

Interest income and gains on securities carried at fair value decreased as we held lower investable balances during the year. Our investment balance increased at year end due to the investments acquired in the Pericom acquisition. Other income (expense) decreased due to a higher level of currency gains on Taiwan currency recorded in 2014 when compared to 2015.

## Income tax provision and noncontrolling interest

	2015	2014	Increase/ (Decrease)	% Change
Income tax provision	\$14,082	\$20,359	\$ (6,277 )	(31 )%
Net (income) loss attributable to noncontrolling interest	(2,239 )	(1,955 )	284	15
Net income attributable to common stockholders	24,274	63,678	(39,404 )	(62 )

We recognized income tax expense of approximately \$14 million for 2015, resulting in an effective tax rate of approximately 35%, as compared to 24% for 2014. The decrease in tax expense from 2014 to 2015 was due primarily to the decrease in pretax earnings during the same period. The increase in the effective tax rate from 2014 to 2015 was due primarily to an increase in earnings in higher tax jurisdictions, relative to earnings in lower tax jurisdictions, and to the decrease in overall pretax earnings during the same period.

Net (income) loss attributable to noncontrolling interest primarily represents the minority investors' share of the earnings of certain China subsidiaries and Eris. The noncontrolling interest in the subsidiaries and their equity balances are reported separately in the consolidation of our financial statements.

## Year 2014 Compared to Year 2013

## Net sales, cost of goods sold and gross profit

	2014	2013	Increase/ (Decrease)	% Change
Net sales	\$890,651	\$826,846	\$ 63,805	8 %
Cost of goods sold	613,372	589,010	24,362	4
Gross profit	277,279	237,836	39,443	17
Gross profit margin	31.1 %	28.8 %		-

Net sales for 2014 increased due to an approximately 8% increase in units sold, which was due primarily to net sales increases in our Asia markets. Average selling prices for 2014 were flat compared to 2013.

Cost of goods sold as a percentage of sales, decreased from 71.2% for 2013 to 68.9% for 2014. Our average unit cost decreased by approximately 3%.

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Gross profit as a percentage of net sales was 31.1% for 2014, compared to 28.8% for 2013. The increase in gross margin was primarily due to lower gold prices, improved product mix, copper wire conversion and cost reduction efforts.

Operating expenses

	2014	2013	Increase/ (Decrease)	% Change
Selling, general and administrative ("SG&A")	\$133,701	\$132,106	\$ 1,595	1
Research and development ("R&D")	52,136	48,302	3,834	8
Amortization of acquisition-related intangible assets	7,914	8,078	(164 )	(2 )
Impairment of goodwill	-	5,318	(5,318 )	(100 )
Restructuring	-	1,535	(1,535 )	(100 )
Loss (gain) on sale of assets	(983 )	216	(1,199 )	(555 )

SG&A for 2014 increased due primarily to increased selling expenses, partly offset by reduced retention bonus related to the BCD acquisition. SG&A, as a percentage of net sales, improved to 15.0% in 2014, from 16.0% in 2013.

R&D for 2014 increased due primarily to an increase in employee related costs. R&D, as a percentage of net sales, was 6% for both 2014 and 2013.

Amortization of acquisition-related intangibles was due primarily to the amortization expense on the acquired intangibles of BCD.

Goodwill impairment for 2013 was related to Eris. There was no goodwill impairment for 2014.

There were no restructuring related costs for 2014. The restructuring in 2013 related to termination and severance costs of our U.K. development team and the closure of our New York sales office.

We recorded a gain on sale of assets for 2014, due to the sale of a building in Taiwan.

Other income/(expenses)

	2014	2013	Increase/ (Decrease)	% Change
Interest income	\$1,470	\$1,274	\$ 196	15 %
Interest expense	(4,332)	(5,580)	(1,248 )	(22 )
Gain on securities carried at fair value	1,364	601	763	127
Other income (expenses)	2,979	9	2,970	NA

Interest income for both 2014 and 2013 was relatively flat consisting of interest earned on bank deposits and short-term investments.

Interest expense for 2014 declined in 2014 compared to 2013 primarily due to the repayment of \$40 million on our revolving senior credit facility.

Gain on securities resulted primarily from unrealized and realized gains on trading securities.

Other income for 2014 included approximately \$2 million in currency gains. Included in other income for 2013 were foreign currency gains and miscellaneous income.

Income tax provision and noncontrolling interest

	2014	2013	Increase/ (Decrease)	% Change
Income tax provision	\$20,359	\$14,481	\$ 5,878	41 %
Net (income) loss attributable to noncontrolling interest	(1,955)	2,428	(4,383 )	(181)
Net income attributable to common stockholders	63,678	26,532	37,146	140

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We recognized income tax expense of approximately \$20 million for 2014, resulting in an effective tax rate of approximately 24%, as compared to 38% for 2013. Income tax expense for 2013 includes approximately \$5 million of additional tax expense related to a tax audit by the China tax authorities. The increase in tax expense from 2013 to 2014 was due primarily to the increase in pretax earnings during the same period.

Net (income) loss attributable to noncontrolling interest primarily represents the minority investors' share of the earnings of certain China subsidiaries and Eris. The noncontrolling interest in the subsidiaries and their equity balances are reported separately in the consolidation of our financial statements. The loss attributable to noncontrolling interest for 2013 was due primarily to the goodwill impairment attributable to Eris, of which 49% was recognized in noncontrolling interest.

## Financial Condition

### Liquidity and Capital Resources

Our primary sources of liquidity are cash and cash equivalents, funds from operations and, if necessary, borrowings under our credit facilities. On September 2, 2015, the Company and Diodes International B.V. (the "Foreign Borrower" and, collectively with the Company, the "Borrowers"), and certain subsidiaries of the Company as guarantors, entered into an Amendment No. 3 to Credit Agreement, Incremental Term Assumption Agreement, Limited Waiver and Consent (the "Amendment") with Bank of America, N.A., as Administrative Agent, and the lenders party to the Amendment (collectively, the "Lenders"), which amends the Credit Agreement dated January 8, 2013 (as previously amended by Amendment No. 1 to Credit Agreement and Limited Waiver dated as of November 1, 2013 and Amendment No. 2 to Credit Agreement and Amendment No. 1 to Collateral Agreement dated as of June 19, 2015) (as previously amended and as amended by the Amendment, the "Credit Agreement").

The Amendment provided the Company with a \$400 million revolving senior credit facility (the "Revolver"), which includes a \$10 million swing line sublimit, a \$10 million letter of credit sublimit, and a \$20 million alternative currency sublimit, and a \$100 million term loan facility (the "Term Loan Facility"). We may from time to time request additional increases in the aggregate commitments under the Credit Agreement of up to \$200 million, subject to the Lenders electing to increase their commitments or by means of the addition of new Lenders, and subject to at least half of each increase in aggregate commitments being in the form of term loans, with the remaining amount of each increase being an increase in the amount of the Revolver. The Revolver and the term loan both mature on January 8, 2018, and as of December 31, 2015, \$464.5 million was outstanding. In addition, we have short-term foreign credit facilities with borrowing capacity of approximately \$84 million with \$1 million used for import and export guarantees. We also have foreign long-term debt of approximately \$2 million. Our primary liquidity requirements have been to meet our capital expenditure needs and to fund on-going operations. For 2015 and 2014, and 2013, our working capital was \$571 million, \$526 million, and \$493 million, respectively. In 2015 our working capital increased due to increases in short-term investments, accounts receivable and inventories. These increases were driven by the Pericom acquisition. Our working capital increased in 2014 due primarily to the increase in cash and cash equivalents, and a decrease in accounts payable. We expect cash generated by our operations together with existing cash, cash equivalents, short-term investments and available credit facilities to be sufficient to satisfy our working capital needs, capital asset purchases, outstanding commitments and other liquidity requirements associated with our existing operations for at least the next 12 months.

In 2015, 2014 and 2013, our capital expenditures were approximately \$138 million, \$59 million and \$44 million, respectively, which includes approximately \$62 million, \$18 million and \$7 million of capital expenditures related to the investment agreement with the Management Committee of the Chengdu Hi-Tech Industrial Development Zone (the "CDHT") for 2015, 2014 and 2013, respectively. Our capital expenditures for these periods were primarily related to manufacturing expansion in our facilities in China and, to a lesser extent, our wafer fabrication facility in the U.S.

and office buildings. Capital expenditures in 2015 were approximately 16% of our net sales, which was greater than our previous historical 5% to 9% model due to the construction and furnishing of the Chengdu manufacturing site.

In 2010, we announced an investment agreement with the Management Committee of the CDHT. Under this agreement, we formed a joint venture with a Chinese partner, Chengdu Ya Guang Electronic Company Limited (“Ya Guang”), to establish a semiconductor assembly and test facility in Chengdu, China. We currently own 95% of the joint venture. The CDHT granted the joint venture a 50 year land lease, provides corporate and employee tax incentives, tax refunds, subsidies and other financial support. This is a long-term, multi-year project that will provide us additional capacity as needed. As of December 31, 2015, we have invested \$120 million, primarily for infrastructure, buildings and equipment related capital expenditures.

In November 2015, we completed the acquisition of Pericom for an aggregate consideration of approximately \$403 million, excluding acquisition costs, fees and expenses. The acquisition was funded by drawings on our bank credit facility and use of existing funds. The acquisition is a continuation of our strategy to expand our semiconductor product offerings and to maximize our market

opportunities. In the future we may acquire product lines or companies in order to enhance our portfolio and accelerate our new offerings, which could have a material impact on liquidity and require us to draw down on our credit facilities or increase our borrowings and limits.

In March 2013, we completed the acquisition of BCD for an aggregate consideration of approximately \$155 million, excluding acquisition costs, fees and expenses, plus a \$5 million employee retention plan. The acquisition was funded by borrowings under our bank credit facilities.

We intend to permanently reinvest overseas all of our earnings from our foreign subsidiaries, except to the extent such undistributed earnings have previously been subject to U.S. tax. Accordingly, deferred U.S. taxes are not recorded on undistributed foreign earnings. As of December 31, 2015, our foreign subsidiaries held approximately \$257 million of cash, cash equivalents and investments of which approximately \$166 million would be subject to a potential tax if repatriated to the U.S as dividends.

Restricted cash is pledged as collateral when we enter into agreements with banks for certain banking facilities. As of December 31, 2015, restricted cash of \$1 million was pledged as collateral for issuance of bank acceptance notes and letters of credit.

As of December 31, 2015, we had short-term investments of approximately \$65 million. These investments are highly liquid with maturity dates greater than three months at the date of purchase. The increase from \$12 million in 2014, to 2015 reflects the short-term investment portfolio acquired as part of Pericom. We generally can access these investments in a relatively short amount of time but in doing so we generally forfeit a portion of interest income.

#### Discussion of Cash Flows

Cash and cash equivalents decreased approximately \$25 million to \$218 million in 2015 from \$243 million in 2014. The decrease is primarily driven by lower revenue, funds used to purchase Pericom, to pay down long-term debt and fund operating expenses. Cash and cash equivalents increased from \$197 million at December 31, 2013, to \$243 million at December 31, 2014. The increase during 2014 was primarily due to the increase in cash provided by operating activities and cash used in connection with the acquisition of BCD in 2013, and was offset by the advance on the revolving note.

	Year Ended December 31,					
	2015	2014	Change	2014	2013	Change
Net cash provided by operating activities	\$118,111	\$134,272	\$(16,161 )	\$134,272	\$109,891	\$24,381
Net cash used by investing activities	(459,446)	(42,768 )	(416,678)	(42,768 )	(186,402)	143,634
Net cash provided by (used by) financing activities	321,362	(35,759 )	357,121	(35,759 )	112,361	(148,120)
Effect of exchange rates on cash and cash equivalents	(4,592 )	(9,380 )	4,788	(9,380 )	3,664	(13,044 )
Net increase (decrease) in cash and cash equivalents	\$(24,565 )	\$46,365	\$(70,930 )	\$46,365	\$39,514	\$6,851

#### Operating Activities

Net cash provided by operating activities for 2015 was approximately \$118 million, due primarily to \$27 million of net income, \$80 million in depreciation and amortization, \$19 million from non-cash share-based compensation, partially offset by a total of approximately \$10 million net decrease in other operating asset and operating liability accounts. Net cash provided by operating activities for 2014 was approximately \$134 million, due primarily to \$66 million of net income, \$77 million of depreciation and amortization and \$14 million from non-cash share-based

compensation, partially offset by decreases in prepaids and accounts payable. Net cash provided by operating activities was \$110 million for 2013, due primarily to \$24 million of net income, \$74 million of depreciation and amortization, \$14 million from non-cash, share-based compensation, and a \$15 million reduction in inventories, partially offset by increases in accounts receivable and decreases in accounts payable.

Net cash provided by operating activities decreased approximately \$16 million from 2014 to 2015. This decrease resulted primarily from a decrease in net income, partially offset by non-cash related items such as depreciation, amortization, and changes in operating assets and liabilities.

Net cash provided by operating activities increased approximately \$24 million from 2013 to 2014. This increase resulted primarily from an increase in net income, non-cash related items such as depreciation, amortization, and changes in operating assets and liabilities.

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## Investing Activities

Net cash used by investing activities for 2015 was approximately \$460 million. Included in our investing activities is \$349 million of acquisitions, net of cash acquired. We had capital expenditures of \$133 million. We had sales of short-term investments, net of purchases of approximately \$18 million.

Net cash used by investing activities for 2014 was approximately \$43 million, due primarily to \$58 million in capital expenditures, and \$2 million in equity investment, partially offset by a \$14 million decrease in short-term investments and restricted cash.

Net cash used by investing activities for 2013 was approximately \$186 million, due primarily to \$125 million used for acquisitions, net of cash acquired, \$47 million in capital expenditures and \$23 million used for purchases of short-term investments, partially offset by other investing items.

## Financing Activities

Net cash provided by financing activities for 2015 was approximately \$321 million, due primarily to the additional debt of approximately \$391 million we incurred to purchase Pericom. This increase was partially offset by the repayment of approximately \$66 million of long-term debt during 2015.

Net cash used by financing activities for 2014 was approximately \$36 million, due primarily to a \$47 million reduction of debt, partially offset by \$6 million in proceeds from the stock options exercised.

Net cash provided by financing activities for 2013 was approximately \$112 million, due primarily to a \$181 million draw down on our Revolver, partially offset by \$62 million of debt repayments.

## Debt instruments

The Credit Agreement as contains certain financial and non-financial covenants, including, but not limited to, a maximum Consolidated Leverage Ratio, a minimum Consolidated Fixed Charge Coverage Ratio, and restrictions on liens, indebtedness, investments, fundamental changes, dispositions, and restricted payments (including dividends) (as such terms are defined in the Amendment or the Credit Agreement).

As of December 31, 2015, our U.S. and Asia subsidiaries had unused and available credit lines of up to an aggregate of approximately \$83 million, with several financial institutions. In some cases, our foreign credit lines are unsecured, uncommitted and may be repayable on demand, except for two Taiwanese credit facilities that are collateralized by assets. Our foreign credit lines bear interest at LIBOR or similar indices plus a specified margin. At December 31, 2015, no amounts were outstanding under these lines of credit. See "Liquidity and Capital Resources" above and Note 7 of "Notes to Consolidated Financial Statements" of this Annual Report for additional information.

## Off-Balance Sheet Arrangements

We do not have any transactions, arrangements and other relationships with unconsolidated entities that will affect our liquidity or capital resources. We have no special purpose entities that provided off-balance sheet financing, liquidity or market or credit risk support, nor do we engage in leasing, hedging or research and development services, that could expose us to liability that is not reflected on the face of our financial statements.

## Contractual Obligations

The following table represents our contractual obligations as of December 31, 2015 (in thousands):

		Less than		3-5 years	More than 5 years
	Total	1 year	1-3 years		
Long-term debt	\$466,224	\$10,282	\$455,080	\$598	\$264
Interest on long-term debt <sup>1</sup>	17,938	8,921	8,985	27	5
Operating leases	45,501	10,387	15,241	11,333	8,540
Capital leases	199	180	19	-	-
Defined benefit obligations	45,832	3,055	6,111	6,111	30,555
Purchase obligations	24,907	24,907	-	-	-
Total obligations	\$600,601	\$57,732	\$485,436	\$18,069	\$39,364

(1) Interest on long-term debt assumes there is no change in long-term debt from the balance outstanding as of December 31, 2015, other than required principal payments. The Revolver and Term Loan mature in January 2018.

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Tax liabilities are not included in the above contractual obligations as we cannot make reasonable estimates of the amount and period in which those tax liabilities would be paid. See “Accounting for income taxes” below and Note 10 of “Notes to Consolidated Financial Statements” of this Annual Report for additional information.

#### Critical Accounting Policies and Estimates

The preparation of financial statements in conformity with U.S. GAAP requires that management make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of net sales and expenses during the reporting period. On an on-going basis, we evaluate our estimates, which are based upon historical experiences, market trends and financial forecasts and projections, and upon various other assumptions that management believes to be reasonable under the circumstances at that certain point in time. Actual results may differ, significantly at times, from these estimates under different assumptions or conditions.

We believe the following critical accounting policies and estimates affect the significant estimates and judgments we use in the preparation of our consolidated financial statements, and may involve a higher degree of judgment and complexity than others.

#### Revenue recognition

Net sales (revenue) are recognized when there is persuasive evidence that an arrangement exists, when delivery has occurred, when the price to the buyer is fixed or determinable and when collectability of the receivable is reasonably assured. These elements are met when title to the products is passed to the buyer, which is generally when product is shipped to the customer or when product is delivered to the customer. Generally, we recognize net sales upon shipment to manufacturers (direct ship) as well as upon sales to distributors using the “sell in” model, which is when product is shipped to the distributors (point of purchase).

Certain customers have limited rights of return or are entitled to price adjustments on products held in their inventory or upon sale to their end customers. We reduce net sales in the period of sale for estimates of product returns, distributor price adjustments and other allowances. Our reserve estimates are based upon historical data as well as projections of sales, distributor inventories, price adjustments, average selling prices and market conditions. Actual returns and adjustments could be significantly different from our estimates and provisions, resulting in an adjustment to net sales.

We record allowances/reserves for the following items: (i) ship and debit, which arise when we, from time to time based on market conditions, issue credit to certain distributors upon their shipments to their end customers; (ii) stock rotation, which are contractual obligations that permit certain distributors, up to four times a year, to return a portion of their inventory based on historical shipments to them in exchange for an equal and offsetting order; and (iii) price protection, which arise when market conditions cause average selling prices to decrease and we issue credit to certain distributors on their inventory.

Ship and debit reserves are recorded as a reduction to net sales with a corresponding reduction to accounts receivable. Stock rotation reserves are recorded as a reduction to net sales with a corresponding reduction to cost of goods sold for the estimated cost of inventory that is expected to be returned. Price protection reserves are recorded as a reduction to net sales with a corresponding increase in accrued liabilities.

#### Inventories

Inventories are stated at the lower of cost or market value. Cost is determined principally by the first-in, first-out method. On an on-going basis, we evaluate our inventory for obsolescence and slow-moving items. This evaluation includes analysis of sales levels, sales projections, and purchases by item, as well as raw material usage related to our

manufacturing facilities. If our review indicates a reduction in utility below carrying value, we reduce our inventory to a new cost basis. If future demand or market conditions are different than our current estimates, an inventory adjustment may be required, and would be reflected in cost of goods sold in the period the revision is made.

#### Accounting for income taxes

As part of the process of preparing our consolidated financial statements, we are required to estimate our income taxes in each of the tax jurisdictions in which we operate. This process involves using an asset and liability approach whereby deferred tax assets and liabilities are recorded for differences in the financial reporting bases and tax bases of our assets and liabilities. A valuation allowance is provided against deferred tax assets unless it is more likely than not that such deferred tax assets will be realized. This analysis requires considerable judgment and is subject to change to reflect future events and changes in the tax laws.

The benefit of a tax position is recognized only if it is more likely than not that the tax position would be sustained based on its technical merits in a tax examination, using the presumption the tax authority has full knowledge of all relevant facts regarding the

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position. The amount of benefit recognized is the largest amount of tax benefit that is greater than 50% likely of being realized on ultimate settlement with the tax authority. For tax positions not meeting the more likely than not test, no tax benefit is recorded.

#### Goodwill and other indefinite lived intangible assets

Goodwill is tested for impairment on an annual basis, on October 1, and between annual tests if indicators of potential impairment exist. We use the simplified goodwill impairment test, which allows us to first assess qualitatively whether it is necessary to perform step one of the two-step annual goodwill impairment test. We are required to perform step one and calculate the fair value of our reporting units only if we conclude that it is more likely than not that a reporting unit's fair value is less than its carrying value (that is, a likelihood of more than 50%). The qualitative analysis, which is referred to as step zero, is performed, and we consider all relevant factors specific to our reporting units. Some factors considered in step zero are macroeconomic conditions, industry and market considerations, cost factors, overall financial performance, events affecting a reporting unit and other relevant entity-specific events. If any reporting unit fails step zero, its goodwill and other indefinite lived intangible assets will be tested using the two-step process. The first step requires a comparison of the fair value of the reporting unit to the respective carrying value. If the reporting unit fails step one, meaning that its carrying value exceeds its fair value, then the second step must be performed. The second step computes the amount of impairment, if any, by comparing the implied fair value of the reporting unit's goodwill with the carrying amount of that goodwill. If the carrying amount of the reporting unit's goodwill exceeds its implied fair value, an impairment loss will be recognized.

#### Share-based compensation

We use the Black-Scholes-Merton model to determine the fair value of stock options on the date of grant. The amount of compensation expense recognized using the Black-Scholes-Merton model requires us to exercise judgment and make assumptions relating to the factors that determine the fair value of our stock option grants. The fair value calculated by this model is a function of several factors, including the grant price, the expected future volatility, the expected term of the option and the risk-free interest rate of the option. The expected term and expected future volatility of the options require our judgment. In addition, we are required to estimate the expected forfeiture rate and only recognize expense for those stock options expected to vest. We estimate the forfeiture rate based on historical experience and to the extent our actual forfeiture rate is different from our estimate, share-based compensation expense is adjusted accordingly. Restricted stock grants are measured based on the fair market value of the underlying stock on the date of grant.

#### Fair value measurements

Fair value is an exit price, representing the amount that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. As such, fair value is a market-based measurement that should be determined based on the assumptions that market participants would use in pricing an assets or liability. Fair value is based on a hierarchy of valuation techniques, which is determined on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs create a three-tier fair value hierarchy, which prioritizes the inputs used in measuring fair value as follows:

Level 1: Quoted prices for identical instruments in active markets.

Level 2: Quoted prices for similar instruments in active markets; quoted prices for identical or similar instruments in markets that are not active; and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets.

Level 3: Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable.

Our defined benefit plan assets are valued under methods of fair value.

#### Defined benefit plan

We maintain a pension plan covering certain of our employees in the U.K. For financial reporting purposes, the net pension and supplemental retirement benefit obligations and the related periodic pension costs are calculated based upon, among other things, assumptions of the discount rate for plan obligations, estimated return on pension plan assets and mortality rates. These obligations and related periodic costs are measured using actuarial techniques and assumptions. The projected unit credit method is the actuarial cost method used to compute the pension liabilities and related expenses. See “Fair value measurements” above in regard to pension plan assets.

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## Contingencies

From time to time, we are involved in a variety of legal matters that arise in the normal course of business. Based on information available, we evaluate the likelihood of potential outcomes. We record the appropriate liability when the amount is deemed probable and reasonably estimable. In addition, we do not accrue for estimated legal fees and other directly related costs as they are expensed as incurred.

## Recently Issued Accounting Pronouncements

See Note 1 of “Notes to Consolidated Financial Statements” of this Annual Report for additional information regarding the status of recently issued accounting pronouncements.

## Item 7A. Quantitative and Qualitative Disclosures About Market Risk.

### Foreign Currency Risk

We face exposure to adverse movements in foreign currency exchange rates, primarily in Asia and Europe. Our foreign currency risk may change over time as the level of activity in foreign markets grows and could have a material adverse impact upon our financial results. Certain of our assets, including certain bank accounts and accounts receivable, and liabilities exist in non-U.S. dollar denominated currencies, which are sensitive to foreign currency exchange fluctuations. These currencies are principally the Chinese Yuan, the Taiwanese dollar, the Euro, and the British Pound Sterling and, to a lesser extent, the Japanese Yen and the Hong Kong dollar. In the future, we may enter into hedging arrangements designed to mitigate foreign currency fluctuations. See “Risk Factors – We are subject to foreign currency risk as a result of our international operations.” in Part I, Item 1A of this Annual Report for additional information.

### Effect on Reporting Income

Certain of our subsidiaries have a functional currency that differs from the currencies in which some of their expenses are denominated. Our income and expenses are based on a mix of currencies and a decline in one currency relative to the other currencies could adversely affect our results of operations. Furthermore, our results of operations are reported in U.S. dollars, which is our reporting currency. In the event the U.S. dollar weakens against a foreign currency, we will experience a currency transaction loss, which could adversely affect our results of operations. If a foreign currency were to weaken (or strengthen) by 1.0% against the U.S. dollar, we would experience currency transaction gain (or loss) of less than \$1 million per quarter.

### Foreign Currency Transaction Risk

We also are subject to foreign currency risk arising from intercompany transactions that are expected to be settled in cash in the near term where the cash balances are held in denominations other than our subsidiaries’ functional currency. If exchange rates weaken against the functional currency, we would incur a remeasurement gain in the value of the cash balances, and if the exchange rates strengthen against the functional currency, we would incur a remeasurement loss in the value of the cash balances, assuming the net monetary asset balances remained constant. Our ultimate realized gain or loss with respect to currency fluctuations will generally depend on the size and type of transaction, the size and currencies of the net monetary assets and the changes in the exchange rates associated with these currencies. If the Chinese Yuan, the Taiwanese dollar, the Euro and the British Pound Sterling were to weaken (or strengthen) by 1.0% against the U.S. dollar, we would experience currency transaction gain (or loss) of less than \$1 million per quarter. Net foreign exchange transaction gains (or losses) are included in other income and expense.

Foreign Currency Translation Risk

When our foreign subsidiaries' books are maintained in their functional currency, fluctuations in foreign currencies impact the amount of total assets and liabilities that we report for our foreign subsidiaries upon the translation of these amounts into U.S. dollars for reporting purposes. All elements of the subsidiaries' financial statements, except for stockholders' equity accounts, are translated using a currency exchange rate. Assets and liabilities denominated in foreign currencies are translated at the exchange rate on the balance sheet date. Income and expense accounts denominated in foreign currencies are translated at the weighted-average exchange rate during the period presented. Resulting translation adjustments are recorded as a separate component of accumulated other comprehensive income or loss within stockholders' equity in the consolidated balance sheets, which are accumulated in this account until sale or liquidation of the foreign entity investment, at which time they are reported as adjustments to the gain or loss on sale of investment.

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## Foreign Currency Denominated Defined Benefit Plans

We have a contributory defined benefit plan that covers certain employees in the U.K., which is closed to new entrants and frozen with respect to future benefit accruals. The retirement benefit is based on the final average compensation and service of each eligible employee. December 31 is our annual measurement date, and on the measurement date, defined benefit plan assets are determined based on fair value. Defined benefit plan assets consist primarily of high quality corporate bonds and stocks that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related pension liability. The net pension and supplemental retirement benefit obligations and the related periodic costs are based on, among other things, assumptions of the discount rate, estimated return on plan assets and mortality rates. These obligations and related periodic costs are measured using actuarial techniques and assumptions. The projected unit credit method is the actuarial cost method used to compute the pension liabilities and related expenses.

As of December 31, 2015, the plan was underfunded and a liability of approximately \$29 million was reflected in our consolidated financial statements as a noncurrent liability. The amount recognized in accumulated other comprehensive income was a net loss of \$31 million. If the British Pound Sterling were to (weaken) or strengthen by 1.0% against the U.S. dollar, we would experience currency translation liability (decrease) or increase of less than \$1 million. The weighted-average discount rate assumption used to determine benefit obligations as of December 31, 2015 was 4.0%. A 0.2% increase/(decrease) in the discount rate used to calculate the net period benefit cost for the year would reduce/increase annual benefit cost by less than \$1 million. A 0.2% increase/(decrease) in the discount rate used to calculate the year-end projected benefit obligation would increase/(decrease) the year-end projected benefit obligation by approximately \$5.6 million. The expected return on plan assets is determined based on historical and expected future returns of the various assets classes and as such, each 1.0% increase/(decrease) in the expected rate of return assumption would increase/(decrease) the net period benefit cost by approximately \$1 million. The asset value of the defined benefit plan has been volatile in recent years due primarily to wide fluctuations in the U.K. equity markets and bond markets. See “Risk Factors - Changes in actuarial assumptions for our defined benefit plan could increase the volatility of the plan’s asset value, require us to increase cash contributions to the plan and have a negative impact on our cash flows, operating results and financial condition” in Part I, Item 1A of this Annual Report for additional information.

## Interest Rate Risk

We have credit facilities with financial institutions in the U.S., Asia and Europe as well as other debt instruments with interest rates equal to LIBOR or similar indices plus a negotiated margin. A rise in interest rates could have an adverse impact upon our cost of working capital and our interest expense. As a matter of policy, we do not enter into derivative transactions for speculative purposes. As of December 31, 2015, our outstanding principal debt included \$465 million outstanding under our revolving senior credit facility and term loan, \$2 million outstanding under foreign long term liabilities and \$1 million used for import and export guarantees and bank acceptance notes. Based on an increase or decrease in interest rates by 1.0% for the year on our credit facilities, our annual interest rate expense would increase or decrease by approximately \$5 million.

## Political Risk

We have a significant portion of our assets in mainland China, Taiwan and the U.K. The possibility of political conflict between any of these countries or with the U.S. could have a material adverse impact upon our ability to transact business through these important business channels and to generate profits. See “Risk Factors” – Risks Related to our International Operations” in Part I, Item 1A of this Annual Report for additional information.

## Inflation Risk

Inflation did not have a material effect on net sales or net income in fiscal year 2015. A significant increase in inflation could affect future performance.

#### Credit Risk

The success of our business depends, among other factors, on the strength of the global economy and the stability of the financial markets, which in turn affect our customers' demand for our products, the ability of our customers to meet their payment obligations, the likelihood of customers canceling or deferring existing orders and the strength of consumer demand for items containing our products in the end-markets we serve. We provide credit to customers in the ordinary course of business and perform ongoing credit evaluations, while at times providing extended terms. We believe that our exposure to concentrations of credit risk with respect to trade receivables is largely mitigated by dispersion of our customers over various geographic areas, operating primarily in electronics manufacturing and distribution. We believe our allowance for doubtful accounts is sufficient to cover customer credit risks.

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Item 8. Financial Statements and Supplementary Data.

See Part IV, Item 15 “Exhibits and Financial Statement Schedules” for our consolidated financial statements and the notes and schedules thereto filed as part of this Annual Report.

Item 9. Changes In and Disagreements With Accountants on Accounting and Financial Disclosure.

Not Applicable.

Item 9A. Controls and Procedures.

Disclosure Controls and Procedures

Our Chief Executive Officer, Keh-Shew Lu, and Chief Financial Officer, Richard D. White, with the participation of our management, carried out an evaluation of the effectiveness of our disclosure controls and procedures as of December 31, 2015, pursuant to and as required by Rule 13a-15(b) under the Securities Exchange Act of 1934 (“Exchange Act”). Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that, as of December 31, 2015, due to the material weakness in internal control over financial reporting described below, our disclosure controls and procedures were not effective to ensure that information required to be included in this report is:

o recorded, processed, summarized and reported within the time period specified in the Commission’s rules and forms;  
and

o accumulated and communicated to our management, including the Chief Executive Officer and the Chief Financial Officer, to allow timely decisions regarding required disclosure.

Notwithstanding the identified material weakness, management, including our Chief Executive Officer and Chief Financial Officer, believes the consolidated financial statements included in this Annual Report on Form 10-K fairly represent in all material respects our financial condition, results of operations and cash flows at and for the periods presented in accordance with generally accepted accounting principles in the United States of America (“U.S. GAAP”).

Management's Annual Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is a process designed by, or under the supervision of, our Chief Executive Officer and the Chief Financial Officer and implemented by our Board of Directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with U.S. GAAP.

Our internal control over financial reporting includes those policies and procedures that: (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of our assets; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. GAAP, and that receipts and expenditures of ours are being made only in accordance with authorizations of our management and directors; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of our assets that could have a material

effect on the financial statements.

Under the supervision and with the participation of our management, including our Chief Executive Officer and Chief Financial Officer, we conducted an evaluation of the effectiveness of our internal control over financial reporting based on the framework in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). This evaluation included review of the documentation of controls, testing of operating effectiveness of controls and a conclusion on this evaluation. Based on this evaluation, management concluded that a material weakness exists in our internal control over financial reporting as described below. A material weakness is a deficiency or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of our annual or interim financial statement will not be prevented or detected in a timely basis.

As permitted by the rules of the SEC, we have excluded Pericom Semiconductor Corporation and its subsidiaries (collectively, "Pericom") from our annual assessment of the effectiveness of internal control over financial reporting for the year ending December 31, 2015, the year of acquisition.

The total assets (including goodwill and intangible assets), net assets (including goodwill and intangible assets), net sales and net income of Pericom represented approximately 28% of our total assets, 45% of our net assets, less than 2% of our net sales and (4%) of our net income, respectively, on a consolidated basis, as of and for the year ended December 31, 2015.

In the foregoing evaluation of the effectiveness of our internal control over financial reporting, management identified certain errors in its accounting for equity awards and change-in-control agreements related to the Pericom acquisition and, as a result, concluded that the Company did not have adequate resources regarding accounting for equity awards exchanged for and the accounting for change-in-control agreements related to the Pericom acquisition. If not corrected this control deficiency could result in a material misstatement that would not be prevented or detected. Because of the material weakness, management concluded that the Company did not maintain effective internal control over financial reporting as of December 31, 2015 based on criteria in Internal Control - Integrated Framework (2013) issued by COSO.

The effectiveness of our internal control over financial reporting as of December 31, 2015 has been audited by Moss Adams LLP, an independent registered public accounting firm, as stated in their report which appears in Item 8 of this Annual Report on Form 10-K.

#### Changes in Internal Control Over Financial Reporting

Other than as discussed above, there was no change in our internal control over financial reporting, known to the Chief Executive Officer or the Chief Financial Officer that occurred during the last fiscal quarter covered by this report that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

#### Material Weakness Remediation Efforts

Management has enhanced, and will continue to enhance, our controls, including refinements and enhancements to the design (including the review and supervision and the level of precision) of certain controls over the accounting for equity awards and change-in-control agreements in a business combination. The Company has identified process improvements to remediate the material weakness discussed above and has commenced the implementation of these enhanced controls. Management anticipates these enhanced controls will be effective at the time of any future business combination. At December 31, 2015, there continues to be a reasonable possibility that a material misstatement related to the accounting for equity awards and change-in-control agreements in a business combination may not be prevented or detected.

Management plans to implement the following steps to remediate the material weakness discussed above and improve its internal control over financial reporting related to equity awards and change-in-control agreements in a business combination: improving the documentation of policies and procedures (and related controls) surrounding such equity

awards and change-in-control agreements; developing a work flow document including internal controls for completing future acquisitions; assessing the capacity of its accounting resources available for the future acquisitions to evaluate and account for the equity awards exchanged and the accounting for change-in-control agreements in accordance with U.S. GAAP; providing complete and substantive documentation around the review processes for such equity awards and change-in-control agreements; determining the sufficiency of internal resources and the availability of external resources to prepare and analyze non-routine transactions; and if external resources are used, involving these resources early in the process and ensuring appropriate internal resources are available to review materials at a sufficient level to detect errors.

Management is committed to improving the Company's internal control processes and will develop and present to the Audit Committee a plan and timetable for the implementation of the remediation measures described above and will meet frequently with the Audit Committee to monitor the status of remediation activities. Management believes that the measures described above should remediate the material weakness identified and strengthen the Company's internal control over financial reporting related to accounting for equity awards and change-in-control agreements in a business combination. As the Company continues to evaluate and improve its internal control over financial reporting, additional measures to remediate the material weakness or modifications to certain of the remediation procedures described above may be necessary and will be undertaken as necessary.

As permitted by the rules of the SEC, we have excluded Pericom from our annual assessment of the effectiveness of internal control over financial reporting for the year ending December 31, 2015, the year of acquisition. Management continues to evaluate Pericom's internal controls over financial reporting.

Item 9B. Other Information.

None.

### PART III

#### Item 10. Directors, Executive Officers and Corporate Governance.

The information concerning our directors, executive officers and corporate governance is incorporated herein by reference from the section entitled “Proposal One – Election of Directors” contained in our definitive proxy statement to be filed pursuant to Section 14(a) of the Securities Exchange Act of 1934 within 120 days after our fiscal year end of December 31, 2015, for our annual stockholders’ meeting for 2016 (the “Proxy Statement”).

We have adopted a code of ethics that applies to our Chief Executive Officer and senior financial officers. The code of ethics has been posted on our website under the Corporate Governance portion of the Investor Relations section at [www.diodes.com](http://www.diodes.com). We intend to satisfy disclosure requirements regarding amendments to, or waivers from, any provisions of our code of ethics on our website.

#### Item 11. Executive Compensation.

The information concerning executive compensation is incorporated herein by reference from the sections entitled “Compensation Discussion and Analysis,” “Executive Compensation,” and “Compensation Committee Interlocks and Insider Participation” contained in the Proxy Statement.

#### Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters.

The information concerning the security ownership of certain beneficial owners and management and related stockholder matters is incorporated herein by reference from the sections entitled “General Information – Security Ownership of Certain Beneficial Owners and Management,” and “Executive Compensation - Equity Compensation Plan Information” contained in the Proxy Statement.

#### Item 13. Certain Relationships, Related Transactions and Director Independence.

The information concerning certain relationships, related transactions and director independence is incorporated herein by reference from the sections entitled “Corporate Governance – Certain Relationships and Related Person Transactions” and “Corporate Governance – Director Independence” and “Proposal One – Election of Directors” contained in the Proxy Statement.

#### Item 14. Principal Accounting Fees and Services.

The information concerning our principal accountant’s fees and services is incorporated herein by reference from the section entitled “Ratification of the Appointment of Independent Registered Public Accounting Firm” contained in the Proxy Statement.





PART IV

Item 15. Exhibits, Financial Statement Schedules.

(a) Financial Statements and Schedules

Our consolidated financial statements are as set forth under Item 8 of this report on Form 10-K.

(1) Financial statements:	Page
<u>Report of Independent Registered Public Accounting Firm</u>	50
<u>Consolidated Balance Sheets at December 31, 2015, and 2014</u>	52 to 53
<u>Consolidated Statements of Income for the Years Ended December 31, 2015, 2014 and 2013</u>	54
<u>Consolidated Statements of Comprehensive Income for the Years Ended December 31, 2015, 2014 and 2013</u>	55
<u>Consolidated Statements of Equity for the Years Ended December 31, 2015, 2014 and 2013</u>	56
<u>Consolidated Statements of Cash Flows for the Years Ended December 31, 2015, 2014 and 2013</u>	57 to 58
<u>Notes to Consolidated Financial Statements</u>	59 to 87

(2) Schedules:

None

Schedules not listed above have been omitted because the information required to be set forth therein is not applicable or is shown in the financial statements and note thereto.

(b) Exhibits

The exhibits listed on the Index to Exhibits are filed as exhibits or incorporated by reference to this Annual Report.

(c) Financial Statements of Unconsolidated Subsidiaries and Affiliates

Not Applicable.

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Board of Directors and Stockholders

Diodes Incorporated and Subsidiaries

We have audited the accompanying consolidated balance sheets of Diodes Incorporated and Subsidiaries (the “Company”) as of December 31, 2015 and 2014, and the related consolidated statements of income, comprehensive income, equity, and cash flows for each of the three years in the period ended December 31, 2015. We also have audited the Company’s internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission. As described in Management’s Annual Report on Internal Control Over Financial Reporting, in November 2015, the Company acquired Pericom Semiconductor Corporation (“Pericom”). For the purposes of assessing internal control over financial reporting, management excluded Pericom, whose financial statements constitute 15% of the Company’s consolidated total assets (excluding approximately \$210 million of goodwill and intangible assets, which were integrated into the Company’s control environment) and approximately 2% of the Company’s consolidated net sales as of and for the year ended December 31, 2015. Accordingly, our audit did not include the internal control over financial reporting of Pericom. The Company’s management is responsible for these consolidated financial statements, for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management’s Annual Report on Internal Control over Financial Reporting appearing under Item 9A. Our responsibility is to express an opinion on these consolidated financial statements and an opinion on the Company’s internal control over financial reporting based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement and whether effective internal control over financial reporting was maintained in all material respects. Our audits of the consolidated financial statements included examining, on a test basis, evidence supporting the amounts and disclosures in the consolidated financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall consolidated financial statement presentation. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

A company’s internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company’s internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company’s assets that could have a material effect on the consolidated financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

A material weakness is a deficiency, or a combination of deficiencies, in internal control over financial reporting, such that there is a reasonable possibility that a material misstatement of the company's annual or interim financial statements will not be prevented or detected on a timely basis. The following material weakness has been identified and included in management's assessment:

The Company did not have effective controls to provide reasonable assurance as to the application of generally accepted accounting principles relating to the accounting for equity awards and change-in-control agreements in a business combination due to the lack of adequate resources in its accounting department.

We considered the material weakness in determining the nature, timing, and extent of audit tests applied in our audit of the consolidated financial statements as of and for the year ended December 31, 2015, of the Company, and our opinion on such consolidated financial statements was not affected.

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Diodes Incorporated and Subsidiaries as of December 31, 2015 and 2014, and the consolidated results of their operations

and their cash flows for each of the three years in the period ended December 31, 2015, in conformity with generally accepted accounting principles in the United States of America. Also in our opinion, because of the effect of the material weakness identified above on the achievement of the objectives of the control criteria, the Company has not maintained effective internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control - Integrated Framework (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission.

As discussed in Note 1 to the consolidated financial statements, the Company retrospectively changed the manner in which it accounts for the balance sheet classification of deferred taxes due to the adoption of Accounting Standards Update 2015-17, Balance Sheet Classification of Deferred Taxes.

/s/ Moss Adams LLP

Los Angeles, California

March 11, 2016

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED BALANCE SHEETS

(Amounts in thousands)	December 31,	
	2015	2014
Assets		
Current assets		
Cash and cash equivalents	\$218,435	\$243,000
Short-term investments	64,685	11,726
Accounts receivable, net of allowances of \$2,625 and \$1,682 at		
December 31, 2015 and December 31, 2014, respectively.	218,496	188,248
Inventories	202,832	182,026
Prepaid expenses and other	46,103	50,510
Total current assets	750,551	675,510
Property, plant and equipment, net	439,340	309,931
Deferred income assets	45,120	43,845
Goodwill	132,913	81,229
Intangible assets, net	196,409	45,028
Other assets	36,697	23,614
Total assets	\$1,601,030	\$1,179,157

The accompanying notes are an integral part of these financial statements.

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED BALANCE SHEETS (Continued)

(Amounts in thousands, except per share data)	December 31,	
	2015	2014
<b>Liabilities</b>		
<b>Current liabilities</b>		
Lines of credit and short-term debt	\$-	\$1,064
Accounts payable	86,463	79,390
Accrued liabilities	77,801	60,149
Income tax payable	5,117	8,381
Current portion of long-term debt	10,282	287
<b>Total current liabilities</b>	<b>179,663</b>	<b>149,271</b>
Long-term debt, net of current portion	455,941	140,787
Deferred tax liabilities	32,276	-
Other long-term liabilities	90,153	78,932
<b>Total liabilities</b>	<b>758,033</b>	<b>368,990</b>
<b>Commitments and contingencies - (Note 15)</b>		
<b>Stockholders' equity</b>		
Preferred stock - par value \$1.00 per share; 1,000,000 shares authorized; no shares issued or outstanding	-	-
Common stock - par value \$0.66 2/3 per share; 70,000,000 shares authorized; 48,614,087 and 47,591,092 issued at December 31, 2015 and 2014, respectively	32,404	31,729
Additional paid-in capital	344,086	314,942
Retained earnings	514,280	490,006
Treasury stock, at cost, 466,010 shares held at December 31, 2015	(11,009 )	-
Accumulated other comprehensive loss	(84,416 )	(68,402 )
<b>Total stockholders' equity</b>	<b>795,345</b>	<b>768,275</b>
Noncontrolling interest	47,652	41,892
<b>Total equity</b>	<b>842,997</b>	<b>810,167</b>
<b>Total liabilities and stockholders' equity</b>	<b>\$1,601,030</b>	<b>\$1,179,157</b>

The accompanying notes are an integral part of these financial statements.

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF INCOME

(Amounts in thousands, except per share data)	Twelve Months Ended		
	December 31,		
	2015	2014	2013
Net sales	\$848,904	\$890,651	\$826,846
Cost of goods sold	600,321	613,372	589,010
Gross profit	248,583	277,279	237,836
Operating expenses			
Selling, general and administrative	139,245	133,701	132,106
Research and development	57,027	52,136	48,302
Amortization of acquisition related intangible assets	8,596	7,914	8,078
Impairment of goodwill	-	-	5,318
Restructuring	-	-	1,535
Loss (gain) on sale of assets	1,613	(983 )	216
Total operating expenses	206,481	192,768	195,555
Income from operations	42,102	84,511	42,281
Other income/(expense)			
Interest income	1,006	1,470	1,274
Interest expense	(4,232 )	(4,332 )	(5,580 )
Gain on securities carried at fair value	400	1,364	601
Other	1,319	2,979	9
Total other income (expenses)	(1,507 )	1,481	(3,696 )
Income before income taxes and noncontrolling interest	40,595	85,992	38,585
Income tax provision	14,082	20,359	14,481
Net income	26,513	65,633	24,104
Less net (income) loss attributable to noncontrolling interest	(2,239 )	(1,955 )	2,428
Net income attributable to common stockholders	\$24,274	\$63,678	\$26,532
Earnings per share attributable to common stockholders			
Basic	\$0.50	\$1.35	\$0.57
Diluted	\$0.49	\$1.31	\$0.56
Number of shares used in computation			
Basic	48,210	47,184	46,363
Diluted	49,500	48,594	47,658

The accompanying notes are an integral part of these financial statements.

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Amounts in thousands)	Twelve Months Ended		
	December 31,		
	2015	2014	2013
Net income	\$26,513	\$65,633	\$24,104
Foreign currency translation adjustment	(19,996)	(15,705)	6,671
Unrealized gain (loss) on defined benefit plan, net of tax	4,399	(7,555)	(16,971)
Unrealized foreign currency loss, net of tax	(417)	(768)	(218)
Comprehensive income	10,499	41,605	13,586
Less: Comprehensive (income) loss attributable to noncontrolling interest	(2,239)	(1,955)	2,428
Total comprehensive income attributable to common stockholders	\$8,260	\$39,650	\$16,014

The accompanying notes are an integral part of these financial statements.



## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF EQUITY

(Amounts in thousands)	Common stock		Treasury stock		Additional paid-in capital	Retained earnings	Total Accumulated other comprehensive loss	Diodes Incorporated Stockholders' equity	Noncontrolling interest	Total equity
	Shares	Amount	Shares	Amount						
Balance, December 31, 2012	46,011	\$30,674	-	\$-	\$280,571	\$399,796	\$(33,856)	\$677,185	\$43,255	\$720,440
Total comprehensive income	-	-	-	-	-	26,532	(10,518)	16,014	(2,428)	13,586
Acquisition of noncontrolling interest	-	-	-	-	-	-	-	-	108	108
Common stock issued for share-based plans	670	446	-	-	2,189	-	-	2,635	-	2,635
Net excess tax benefit from share-based compensation	-	-	-	-	(6,643)	-	-	(6,643)	-	(6,643)
Share-based compensation	-	-	-	-	13,551	-	-	13,551	-	13,551
Balance, December 31, 2013	46,681	31,120	-	-	289,668	426,328	(44,374)	702,742	40,935	743,677
Total comprehensive income	-	-	-	-	-	63,678	(24,028)	39,650	1,955	41,605
Acquisition of noncontrolling interest	-	-	-	-	-	-	-	-	338	338
Dividend to noncontrolling interest	-	-	-	-	-	-	-	-	(1,336)	(1,336)
Common stock issued for share-based plans	910	609	-	-	5,152	-	-	5,761	-	5,761
Net excess tax benefit from share-based	-	-	-	-	6,018	-	-	6,018	-	6,018

compensation										
Share-based compensation	-	-	-	-	14,104	-	-	14,104	-	14,104
Balance, December 31, 2014	47,591	31,729	-	-	314,942	490,006	(68,402)	768,275	41,892	810,167
Total comprehensive income	-	-	-	-	-	24,274	(16,014)	8,260	2,239	10,499
Acquisition of noncontrolling interest	-	-	-	-	-	-	-	-	3,521	3,521
Common stock issued for share-based plans	1,023	675	-	-	9,523	-	-	10,198	-	10,198
Net excess tax benefit from share-based compensation	-	-	-	-	(4,029 )	-	-	(4,029 )	-	(4,029 )
Stock buyback	-	-	(466)	(11,009)	-	-	-	(11,009 )	-	(11,009 )
Share-based compensation	-	-	-	-	18,970	-	-	18,970	-	18,970
Restricted awards related to Pericom acquisition	-	-	-	-	4,680	-	-	4,680	-	4,680
Balance, December 31, 2015	48,614	\$32,404	(466)	\$(11,009)	\$344,086	\$514,280	\$(84,416)	\$795,345	\$47,652	\$842,997

The accompanying notes are an integral part of these financial statements.

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS

(Amounts in thousands)	Twelve Months Ended December 31,		
	2015	2014	2013
<b>Operating Activities</b>			
Net income	\$26,513	\$65,633	\$24,104
Adjustments to reconcile net income to net cash provided by operating activities,			
net of effects of acquisitions:			
Depreciation	71,504	68,857	65,529
Amortization of intangibles	8,596	7,914	8,078
Impairment of goodwill	-	-	5,318
Amortization of debt issuance costs	660	531	531
Share-based compensation	18,970	14,104	13,551
Excess tax benefit from share-based compensation	(829 )	(6,018 )	6,643
Loss (gain) on disposal of property, plant and equipment	1,440	(963 )	270
Gain on securities carried at fair value	(400 )	(1,364 )	(601 )
Deferred income taxes	1,484	(3,611 )	(1,959 )
Other	(135 )	3,624	2,538
Changes in operating assets:			
Accounts receivable	(9,710 )	1,810	(18,241 )
Inventories	(2,165 )	(2,750 )	14,860
Prepaid expenses and other current assets	12,115	(10,537 )	(3,803 )
Changes in operating liabilities:			
Accounts payable	(8,617 )	(9,512 )	(8,594 )
Accrued liabilities	8,365	2,187	171
Other liabilities	(1,015 )	(3,584 )	1,957
Income taxes payable	(8,665 )	7,951	(461 )
Net cash provided by operating activities	118,111	134,272	109,891
<b>Investing Activities</b>			
Acquisitions, net of cash acquired	(348,887)	-	(124,916)
Decrease in restricted cash	786	2,872	6,886
Purchases of short-term investments	(57,878 )	(18,839 )	(22,922 )
Sales of short-term investments	75,834	29,583	-
Purchases of equity securities	(4,553 )	(1,842 )	(5,393 )
Proceeds from sale of equity securities	8,652	1,660	7,458
Purchases of property, plant and equipment	(133,244)	(57,766 )	(47,054 )
Proceeds from sales of property, plant and equipment	143	1,480	59
Other	(299 )	84	(520 )
Net cash used in investing activities	(459,446)	(42,768 )	(186,402)
<b>Financing Activities</b>			
Advance on lines of credit and short-term debt	1,228	6,778	15,101
Repayments on lines of credit and short-term debt	(4,287 )	(11,400 )	(34,573 )

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Net proceeds from the issuance of common stock	10,192	5,761	2,635
Excess tax benefit from share-based compensation	829	6,018	(6,643 )
Proceeds from long-term debt	391,200	-	181,000
Repayments of long-term debt	(65,986 )	(42,677 )	(42,145 )
Repayments of capital lease obligations	(218 )	(246 )	(627 )
Purchase of treasury stock	(11,009 )	-	-
Other	(587 )	7	(2,387 )
Net cash provided by (used in) financing activities	321,362	(35,759 )	112,361
Effect of exchange rate changes on cash and cash equivalents	(4,592 )	(9,380 )	3,664
(Decrease) increase in cash and cash equivalents	(24,565 )	46,365	39,514
Cash and cash equivalents, beginning of year	243,000	196,635	157,121
Cash and cash equivalents, end of year	\$218,435	\$243,000	\$196,635

The accompanying notes are an integral part of these financial statements.

## DIODES INCORPORATED AND SUBSIDIARIES

## CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)

(Amounts in thousands)	Twelve Months Ended		
	December 31,		
	2015	2014	2013
Supplemental Cash Flow Information			
Cash paid during the year for:			
Interest	\$2,799	\$3,276	\$4,373
Income taxes	\$17,229	\$14,059	\$10,396
Non-cash activities:			
Property, plant and equipment purchased on accounts payable	\$(4,498 )	\$(1,167 )	\$2,714
Dividend accrued for noncontrolling interest	\$-	\$(1,336 )	\$-
Share-based awards issued for Pericom acquisition	\$(4,680 )	\$-	\$-
Acquisition:			
Fair value of assets acquired	\$496,625	\$-	\$247,012
Fair value of liabilities assumed	(88,284 )	-	(92,277 )
Cash acquired	(54,774 )	-	(29,819 )
Net assets acquired	\$353,567	\$-	\$124,916

The accompanying notes are an integral part of these financial statements.

DIODES INCORPORATED AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Note 1 – Summary of Operations and Significant Accounting Policies

Nature of operations – Diodes Incorporated and its subsidiaries (collectively, the “Company” or “we” or “our”) is a leading global designer, manufacturer and supplier of high-quality, application-specific standard products within the broad discrete, logic and analog semiconductor markets, serving the consumer electronics, computing, communications, industrial and automotive markets. Our primary focus is on low pin count semiconductor devices with one or more active and/or passive components. Our products include diodes, rectifiers, transistors, MOSFETs, protection devices, functional specific arrays, single gate, dual gate and standard logic, amplifiers and comparators, Hall-effect and temperature sensors, power management devices including LED drivers, AC-DC and DC-DC switching, linear voltage regulators, and voltage references along with special function devices, such as USB power switches, load switches, voltage supervisors and motor controllers. Our products are sold primarily throughout Asia, North America and Europe.

On November 24, 2015 we acquired Pericom Semiconductor Corporation. Pericom designs, develops and markets high-performance integrated circuits (“ICs”) and frequency control products (“FCPs”) used in many of today’s advanced electronic systems. ICs include functions that support the connectivity, timing and signal conditioning of high-speed parallel and serial protocols that transfer data among a system’s microprocessor, memory and various peripherals, such as displays and monitors, and between interconnected systems. FCPs are electronic components that provide frequency references such as crystals and oscillators for computer, communication and consumer electronic products. Analog, digital and mixed-signal ICs, together with FCPs enable higher system bandwidth and signal quality, resulting in better operating reliability, signal integrity, and lower overall system cost in applications such as notebook computers, servers, network switches and routers, storage area networks, digital TVs, cell phones, GPS and digital media players. Analog, digital and mixed-signal ICs, together with FCPs enable higher system bandwidth and signal quality, resulting in better operating reliability and signal integrity, and lower overall system cost in applications such as notebook computers, servers, network switches and routers, storage area networks, digital TVs, cell phones, GPS and digital media players.

Principles of consolidation – The consolidated financial statements include the accounts of Diodes Incorporated, its wholly-owned subsidiaries and its controlled majority-owned subsidiaries. We account for equity investments in companies over which we have the ability to exercise significant influence, but do not hold a controlling interest, under the equity method, and we record our proportionate share of income or losses in interest and other, net in the consolidated statements of income. All significant intercompany balances and transactions have been eliminated.

Use of estimates – The preparation of financial statements in conformity with generally accepted accounting principles in the United States of America (“GAAP”) requires that management make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. The level of uncertainty in estimates and assumptions increases with the length of time until the underlying transactions are completed. Actual results may differ from these estimates in amounts that may be material to the consolidated financial statements and accompanying notes.

Revenue recognition – Net sales (revenue) are recognized when there is persuasive evidence that an arrangement exists, when delivery has occurred, when the price to the buyer is fixed or determinable and when collectability of the receivable is reasonably assured. These elements are met when title to the products is passed to the buyers, which is

generally when product is shipped to the customers. Generally, we recognize net sales upon shipment to manufacturers (direct ship) as well as upon sales to distributors using the “sell in” model, which is when product is shipped to the distributors (point of purchase).

Certain customers have limited rights of return and/or are entitled to price adjustments on products held in their inventory or upon sale to their end customers. We reduce net sales in the period of sale for estimates of product returns, distributor price adjustments and other allowances. Our reserve estimates are based upon historical data as well as projections of sales, distributor inventories, price adjustments, average selling prices and market conditions.

We record allowances/reserves for the following items: (i) ship and debit, which arise when we, from time to time based on market conditions, issue credit to certain distributors upon their shipments to their end customers; (ii) stock rotation, which are contractual obligations that permit certain distributors, up to four times a year, to return a portion of their inventory based on historical shipments to them in exchange for an equal and offsetting order; and (iii) price protection, which arise when market conditions cause average selling prices to decrease and we issue credit to certain distributors on their inventory.

Ship and debit reserves are recorded as a reduction to net sales with a corresponding reduction to accounts receivable. Stock rotation reserves are recorded as a reduction to net sales with a corresponding reduction to cost of goods sold for the estimated cost of inventory that is expected to be returned. Price protection reserves are recorded as a reduction to net sales with a corresponding increase in accrued liabilities. Net sales are reduced in the period of sale for estimates of product returns and other allowances including distributor adjustments, which were approximately \$113 million, \$86 million and \$68 million in 2015, 2014 and 2013, respectively.

DIODES INCORPORATED AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

**Product warranty** – We generally warrant our products for a period of one year from the date of sale. Historically, warranty expense has not been material.

**Cash, cash equivalents, and short-term investments** – We consider all highly liquid investments with maturity of three months or less at the date of purchase to be cash equivalents. We currently maintain substantially all of our day-to-day operating cash balances with major financial institutions. We hold short-term investments consisting of time deposits, which are highly liquid with maturity dates greater than three months at the date of purchase. Generally, we can access these investments in a relatively short amount of time but in doing so we generally forfeit a portion of interest income. See Note 2 below for additional information regarding fair value of financial instruments.

**Allowance for doubtful accounts** – We evaluate the collectability of our accounts receivable based upon a combination of factors, including the current business environment and historical experience. If we are aware of a customer's inability to meet its financial obligations, we record an allowance to reduce the receivable to the amount we reasonably believe will be collected from the customer. For all other customers, we record an allowance based upon the amount of time the receivables are past due. If actual accounts receivable collections differ from these estimates, an adjustment to the allowance may be necessary with a resulting effect on operating expense. Accounts receivable are presented net of valuation allowance, which were approximately \$3 million in 2015 and \$2 million 2014.

**Inventories** – Inventories are stated at the lower of cost or market value. Cost is determined principally by the first-in, first-out method. Cost includes materials, labor, and manufacturing overhead related to the purchase and production of inventories. Any write-down of inventory to the lower of cost or market at the close of a fiscal period creates a new cost basis that subsequently would not be marked up based on changes in underlying facts and circumstances. On an on-going basis, we evaluate inventory for obsolescence and slow-moving items. This evaluation includes analysis of sales levels, sales projections, and purchases by item, as well as raw material usage related to our manufacturing facilities. If our review indicates a reduction in utility below carrying value, we reduce inventory to a new cost basis. If future demand or market conditions are different than our current estimates, an inventory adjustment to write down inventory may be required, and would be reflected in cost of goods sold in the period the revision is made.

**Property, plant and equipment** – Purchased property, plant and equipment is recorded at historical cost, and property, plant and equipment acquired in a business combination is recorded at fair value on the date of acquisition. Property, plant and equipment is depreciated using straight-line methods over the estimated useful lives, which range from 20 to 55 years for buildings and 3 to 10 years for machinery and equipment. The estimated lives of leasehold improvements range from 3 to 5 years, and are amortized over the shorter of the remaining lease term or their estimated useful lives.

**Goodwill and other indefinite lived intangible assets** – Goodwill is tested for impairment on an annual basis, on October 1, and between annual tests if indicators of potential impairment exist. We use the simplified goodwill impairment test, which allows us to first assess qualitatively whether it is necessary to perform step one of the two-step annual goodwill impairment test. We are required to perform step one and calculate the fair value of our reporting units only if we conclude that it is more likely than not (that is, a likelihood of more than 50%) that a reporting unit's fair value is less than its carrying value. The qualitative analysis, which is referred to as step zero, was performed and we considered all relevant factors specific to our reporting units. Some factors considered in step zero were macroeconomic conditions, industry and market considerations, cost factors, overall financial performance, events affecting a reporting unit and other relevant entity-specific events.



For 2015, our step zero conclusion was that goodwill was possibly impaired at the BCD entity, located in Asia, but not impaired at any other entity. For BCD, we proceeded to a step one impairment analysis and further analysis determined there was no goodwill impairment. For 2014, our step zero conclusion was that it was more likely than not that goodwill was not impaired and no further testing was required until the next annual test date (or sooner if conditions or events before that date raise concerns of potential impairment in the business) for all reporting units.

Impairment of long-lived assets – Our long-lived assets are reviewed whenever events or changes in circumstances indicate that the carrying value may not be recoverable. We consider assets to be impaired if the carrying value exceeds the undiscounted projected cash flows from operations. If impairment exists, the assets are written down to fair value or to the projected discounted cash flows from related operations. As of December 31, 2015, we expect the remaining carrying value of assets to be recoverable. No impairment of long-lived assets has been identified during any of the periods presented.

DIODES INCORPORATED AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

**Business combinations** – The Company recognizes all (and only) the assets acquired and liabilities assumed in the transaction and establishes the acquisition-date fair value as the measurement objective for all assets acquired and liabilities assumed in a business combination. Certain provisions prescribe, among other things, the determination of acquisition-date fair value of consideration paid in a business combination (including contingent consideration) and the exclusion of transaction and acquisition-related restructuring costs from acquisition accounting. During the normal course of business the Company makes acquisitions. In the event that an individual acquisition (or an aggregate of acquisitions) is material, appropriate disclosure of such acquisition activity is provided. See Note 16, for additional information regarding business combinations.

**Income taxes** – Income taxes are accounted for using an asset and liability approach whereby deferred tax assets and liabilities are recorded for differences in the financial reporting bases and tax bases of our assets and liabilities. If it is more likely than not that some portion of deferred tax assets will not be realized, a valuation allowance is recorded.

**GAAP prescribes a comprehensive model for how companies should recognize, measure, present, and disclose in their financial statements uncertain tax positions taken or expected to be taken on a tax return.** Tax positions shall initially be recognized in the financial statements when it is more likely than not the position will be sustained upon examination by the tax authorities. Such tax positions shall initially and subsequently be measured as the largest amount of tax benefit that is greater than 50% likely of being realized upon ultimate settlement with the tax authority assuming full knowledge of the position and all relevant facts.

**Research and development costs** – Internally-developed research and development costs are expensed as incurred. Acquired in-process research and development (“IPR&D”) is capitalized as an indefinite-lived intangible asset and evaluated periodically for impairment. When the project is completed, an expected life is determined and the IPR&D is amortized as an expense over the expected life.

**Shipping and handling costs** – Shipping and handling costs for products shipped to customers, which are included in selling, general and administrative expenses, were approximately \$8 million, \$11 million and \$10 million for the years ended December 31, 2015, 2014 and 2013, respectively.

**Concentration of credit risk** – Financial instruments, which potentially subject us to concentrations of credit risk, include trade accounts receivable. Credit risk is limited by the dispersion of our customers over various geographic areas, operating primarily in electronics manufacturing and distribution. We perform on-going credit evaluations of our customers, and generally require no collateral. Historically, credit losses have not been significant.

We currently maintain substantially all of our day-to-day cash balances and short-term investments with major financial institutions. Cash balances are usually in excess of Federal and/or foreign deposit insurance limits.

**Valuation of financial instruments** – The carrying value of our financial instruments, including cash and cash equivalents, short-term investments, accounts receivable, accounts payable, credit line, and long-term debt approximate fair value due to their current market conditions, maturity dates and other factors.

**Earnings per share** – Basic earnings per share is calculated by dividing net earnings attributable to common stockholders by the weighted-average number of shares of Common Stock outstanding during the period. Diluted

earnings per share is calculated similarly but includes potential dilution from the exercise of stock options and stock awards, except when the effect would be anti-dilutive. Earnings per share are computed using the “treasury stock method.”

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

For the three years ended December 31, 2015, 2014 and 2013, options and share grants outstanding totaling approximately 1 million shares, 2 million shares and 2 million shares have been excluded from the computation of diluted earnings per share because their effect was anti-dilutive.

	Twelve Months Ended December 31,		
	2015	2014	2013
<b>Earnings (numerator)</b>			
Net income attributable to common stockholders	\$24,274	\$63,678	\$26,532
<b>Shares (denominator)</b>			
Weighted average common shares outstanding (basic)	48,210	47,184	46,363
Dilutive effect of stock options and stock awards outstanding	1,290	1,410	1,295
Adjusted weighted average common shares outstanding (diluted)	49,500	48,594	47,658
<b>Earnings per share attributable to common stockholders</b>			
Basic	\$0.50	\$1.35	\$0.57
Diluted	\$0.49	\$1.31	\$0.56

Share-based compensation – We use the Black-Scholes-Merton model to determine the fair value of stock options on the date of grant and recognize compensation expense for stock options on a straight-line basis. Restricted stock grants are measured based on the fair market value of the underlying stock on the date of grant and compensation expense is recognized on a straight-line basis over the requisite four-year service period.

The amount of compensation expense recognized using the Black-Scholes-Merton model requires us to exercise judgment and make assumptions relating to the factors that determine the fair value of our stock option grants. The fair value calculated by this model is a function of several factors, including the grant price, the expected future volatility, the expected term of the option and the risk-free interest rate of the option. The expected term and expected future volatility of the options require judgment. In addition, we are required to estimate the expected forfeiture rate and only recognize expense for those stock options expected to vest. We estimate the forfeiture rate based on historical experience, and to the extent our actual forfeiture rate is different from our estimate, share-based compensation expense is adjusted accordingly.

Treasury stock – Under a program authorized by our board of directors we have purchased shares of our common stock. These shares are recorded as treasury stock, at cost, as a reduction to stockholder' equity.

Functional currencies and foreign currency translation – We translate the assets and liabilities of our non-U.S. dollar functional currency subsidiaries into U.S. dollars using exchange rates on the balance sheet date. Net sales and expense for these subsidiaries are translated at the weighted-average exchange rate during the period presented. Resulting translation adjustments are recorded as a separate component of accumulated other comprehensive income or loss within stockholders' equity in the consolidated balance sheets. Included in other income are foreign exchange (gains) losses of \$(1) million, \$2 million and \$1 million for the years ended December 31, 2015, 2014 and 2013,

respectively.

Defined benefit plan – We maintain pension plans covering certain of our employees in the U.K. The overfunded or underfunded status of pension and postretirement benefit plans are recognized on the balance sheet. Actuarial gains and losses, and prior service costs or credits, are recognized in other comprehensive income (loss), net of tax effects, until they are amortized as a component of net periodic benefit cost. For financial reporting purposes, the net pension and supplemental retirement benefit obligations and the related periodic pension costs are calculated based upon, among other things, assumptions of the discount rate for plan obligations, estimated return on pension plan assets and mortality rates. These obligations and related periodic costs are measured using actuarial techniques and assumptions. The projected unit credit method is the actuarial cost method used to compute the pension liabilities and related expenses. The expected long-term return on plan assets was determined based on historical and expected future returns of the various asset classes. The plan's investment policy includes a mandate to diversify assets and invest in a variety of asset classes to achieve its expected long-term return and is currently invested in a variety of funds representing most standard equity and debt security classes. Trustees of the plan may make changes at any time.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Investment in joint ventures – Investment in joint ventures over which we have the ability to exercise significant influence and that, in general, are at least 20 percent owned are accounted for using the equity method of accounting. These investments are evaluated for impairment, in which an impairment loss would be recorded whenever a decline in the value of an equity investment below its carrying amount is determined to be “other than temporary.” In judging “other than temporary,” we consider the length of time and extent to which the fair value of the investment has been less than the carrying amount of the investment, the near-term and longer-term operating and financial prospects of the investee, and our longer-term intent of retaining the investment in the investee.

Noncontrolling interest - Noncontrolling interest (previously referred to as minority interest) primarily relates to the minority investors’ share of the earnings of certain China and Taiwan subsidiaries. Noncontrolling interests are a separate component of equity and not a liability. Increases or decreases in noncontrolling interest, due to changes in our ownership interest of the subsidiaries that leave control intact, are recorded as equity transactions. The noncontrolling interest in our subsidiaries and their equity balances are reported separately in the consolidated financial statements, and activities of these subsidiaries are included therein.

Contingencies – From time to time, we may be involved in a variety of legal matters that arise in the normal course of business. Based on information available, we evaluate the likelihood of potential outcomes. We record and disclose the appropriate liability when the amount is deemed probable and reasonably estimable. In addition, we do not accrue for estimated legal fees and other directly related costs as they are expensed as incurred.

Comprehensive income (loss) – GAAP generally requires that recognized revenue, expenses, gains and losses be included in net income. Although certain changes in assets and liabilities are reported as separate components of the equity section of the consolidated balance sheet, such items, along with net income, are components of comprehensive income or loss. The components of accumulated other comprehensive income or loss include foreign currency translation adjustments and unrealized gain or loss on defined benefit plan. Accumulated other comprehensive loss was approximately \$84 million, \$68 million and \$44 million at December 31, 2015, 2014 and 2013, respectively.

There is no income tax expense or benefit associated with each component of comprehensive income. As of December 31, the accumulated balance for each component of comprehensive income is as follows:

	2015	2014
Translation adjustment	\$(36,164)	\$(16,357)
Unrealized loss on defined benefit plan	\$(31,320)	\$(35,719)
Unrealized foreign currency losses	\$(16,932)	\$(16,326)

Reclassifications – Certain immaterial amounts from prior periods have been reclassified to conform to the current years’ presentation.

Recently Accounting Pronouncements - The Financial Accounting Standards Board (“FASB”) issued the following Accounting Standards Updates (“ASU”) which could have potential impact to the Company’s financial statements:

ASU No. 2014-09, Revenue from Contracts with Customers (Topic 606). This standard is based on the principle that revenue is recognized to depict the transfer of goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. This standard also requires additional disclosure about the nature, amount, timing and uncertainty of revenue and cash flows arising from customer contracts, including significant judgments and changes in judgments and assets recognized from costs incurred to obtain or fulfill a contract. This standard is effective date in the first quarter of 2018 for public companies. Under this proposal, early adoption is permitted as of the original effective time period of first quarter of 2017 and requires either a retrospective or a modified retrospective approach to adoption. We have not yet selected a transition method and are currently evaluating the effect that the updated standard will have on our consolidated financial statements and related disclosures.

ASU No. 2015-03, Interest – Imputation of Interest (Subtopic 835-30): Simplifying the Presentation of Debt Issuance Cost. This standard requires that costs associated with the issuance of debt previously recorded as deferred assets on the balance sheet now be reported as a direct reduction of the related debt balance. This standard is effective for interim and annual periods beginning January 1, 2016, but early adoption is permitted. We plan to adopt this standard in the first quarter of 2016. Upon adoption, this standard will be applied retrospectively to all prior periods presented. This standard will have no impact on the consolidated statements of income and will have an immaterial impact from the reclassifications on our consolidated balance sheets.

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DIODES INCORPORATED AND SUBSIDIARIES

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

ASU No. 2015-11, Simplifying the Measurement of Inventory (“ASU 2015-11”). This standard requires in scope inventory to be measured at the lower of cost and net realizable value. Net realizable value is the estimated selling prices in the ordinary course of business, less reasonably predictable costs of completion, disposal, and transportation. Subsequent measurement is unchanged for inventory measured using last-in, first-out (“LIFO”) or the retail inventory method. The amendments do not apply to inventory that is measured using LIFO or the retail inventory method. The amendments apply to all other inventory, which includes inventory that is measured using first-in, first-out (“FIFO”) or average cost. The standard is effective for public business entities for fiscal years beginning after December 15, 2016, including interim periods within those fiscal years and requires prospective application, with earlier application permitted as of the beginning of an interim or annual reporting period. We are evaluating the effect that ASU 2015-11 will have on our consolidated financial statements and related disclosures.

ASU No. 2015-16, Simplifying the Accounting for Measurement-Period Adjustments (“ASU 2016-16”). This standard eliminates the requirement for an acquirer to retrospectively adjust the financial statements for measurement-period adjustments that occur in periods after a business combination is consummated. These changes become effective for fiscal years beginning after December 31, 2015. We are evaluating the effect that ASU 2015-16 will have on our consolidated financial statements and related disclosures.

ASU No. 2015-17, Balance Sheet Classification of Deferred Taxes, (“ASU 2015-17”). The amendments in this update require that deferred tax liabilities and assets be classified as noncurrent in a classified statement of financial position. The amendments in this update apply to all entities that present a classified statement of financial position. This guidance requires that all deferred tax liabilities and assets be classified as noncurrent on the balance sheet, and is effective for reporting periods beginning after December 15, 2016; however, early adoption is permitted. This guidance can also be applied either prospectively to all deferred tax liabilities and assets or retrospectively to all periods presented. We adopted ASU 2015-17 retrospectively during the quarter ended December 31, 2015, which resulted in the reclassification of approximately \$11 million from current deferred income taxes to noncurrent deferred income taxes presented on the consolidated balance sheet as of December 31, 2014.

ASU No. 2016-01, Financial Instruments - Overall: Recognition and Measurement of Financial Assets and Financial Liabilities (“ASU 2016-01”). This update requires equity investments (except those accounted for under the equity method of accounting, or those that result in consolidation of the investee) to be measured at fair value with changes in fair value recognized in net income, requires public business entities to use the exit price notion when measuring the fair value of financial instruments for disclosure purposes, requires separate presentation of financial assets and financial liabilities by measurement category and form of financial asset, and eliminates the requirement for public business entities to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost. These changes become effective for our fiscal year beginning November 1, 2018. Early application is permitted. We are evaluating the effect that ASU 2016--1 will have on our consolidated financial statements and related disclosures.

ASU No. 2016-02, Leases (Topic 842) (“ASU 2016-02”) - The standard requires companies that lease valuable assets like aircraft, real estate, and heavy equipment to recognize on their balance sheets the assets and liabilities generated by contracts longer than a year. The update to U.S. GAAP also requires companies to disclose in the footnotes to their



financial statements information about the amount, timing, and uncertainty for the payments they make for the lease agreements. This new standard will be effective for public business entities for annual periods beginning after December 15, 2018, and interim periods therein. Early adoption will be permitted for all entities. We are evaluating the effect that ASU 2016-02 will have on our consolidated financial statements and related disclosures.

#### Note 2 – Fair Value Measurements

Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date.

We use valuation techniques that are consistent with the market approach, the income approach and/or the cost approach. The market approach uses prices and other relevant information generated by market transactions involving identical or comparable assets and liabilities. The income approach uses valuation techniques to convert future amounts, such as cash flows or earnings, to a single present amount on a discounted basis. The cost approach is based on the amount that currently would be required to replace the service capacity of an asset (replacement costs). Valuation techniques should be consistently applied. Inputs to valuation techniques refer to the assumptions that market participants would use in pricing the asset or liability. Inputs may be observable, meaning those that reflect the assumptions market participants would use in pricing the asset or liability developed based on market data obtained from independent sources, or unobservable, meaning those that reflect the reporting entity's own assumptions about the assumptions market participants would use in pricing the asset or liability developed based on the best information available in the circumstances.

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These two types of inputs create a three-tier fair value hierarchy that gives the highest priority to quoted prices in active markets for identical assets or liabilities and the lowest priority to unobservable inputs. The fair value hierarchy is as follows:

**Level 1 Inputs** - Unadjusted quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date.

**Level 2 Inputs** - Inputs other than quoted prices included in Level 1 that are observable for the asset or liability, either directly or indirectly. These include quoted prices for similar assets or liabilities in active markets, quoted prices for identical or similar assets or liabilities in markets that are not active, inputs other than quoted prices that are observable for the asset or liability (for example, interest rates, volatilities, prepayment speeds, loss severities, credit risks and default rates) or inputs that are derived principally from or corroborated by observable market data by correlation or other means.

**Level 3 Inputs** - Significant unobservable inputs that reflect an entity's own assumptions that market participants would use in pricing the assets or liabilities.

As of December 31, 2015, we had short-term investments. Trading securities held at December 31, 2014, were purchased on the open market and unrealized gains and losses are included in other income (expense). The trading securities are valued under the fair value hierarchy using Level 1 Inputs. Short-term investments of \$65 million consist of investments such as time deposits, which are highly liquid with maturity dates greater than three months at the date of purchase. Generally, we can access these investments in a relatively short amount of time but in doing so we generally forfeit a portion of earned and future interest income. The short-term investments are valued under the fair value hierarchy using Level 2 Inputs.

Financial assets and liabilities carried at fair value as of December 31, 2015 are classified in the following table:

Description	Fair Market Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Changes in Fair Values Included in Current Period Earnings
Short-term investments	\$64,685	\$ 2,035	\$ 62,650	\$ -	\$ -

Financial assets and liabilities carried at fair value as of December 31, 2014 are classified in the following table:

Description	Fair Market Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total Changes in Fair Values Included in Current Period Earnings
Trading securities	\$7,180	\$ 7,180	\$ -	\$ -	\$ 1,364
Short-term investments	11,726	-	11,726	-	-

Certain financial assets and financial liabilities are measured at fair value on a non-recurring basis; that is, the instruments are not measured at fair value on an ongoing basis but are subject to fair value adjustments in certain circumstances (for example, when there is evidence of impairment). We believe our long-term debt under our revolving credit facility approximates fair value and is valued under the fair value hierarchy using Level 2 Inputs. Financial assets and financial liabilities measured at fair value on a non-recurring basis were not significant at December 31, 2015 and 2014. Certain non-financial assets and non-financial liabilities that are measured at fair value on a recurring and non-recurring basis include goodwill, other intangible assets and other non-financial long-lived assets.

### Note 3 – Inventories

Inventories, stated at the lower of cost or market value, at December 31 were:

	2015	2014
Finished goods	\$70,668	\$66,045
Work-in-progress	46,061	42,417
Raw materials	86,103	73,564
	\$202,832	\$182,026

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## Note 4 – Property, Plant and Equipment

Property, plant and equipment at December 31 were:

	2015	2014
Buildings and leasehold improvements	\$183,174	\$124,920
Machinery and equipment	660,406	577,402
	843,580	702,322
Less: Accumulated depreciation and amortization	(479,898)	(437,792)
	363,682	264,530
Construction in-progress	39,426	26,202
Land	36,232	19,199
	\$439,340	\$309,931

Depreciation and amortization of property, plant and equipment was \$72 million, \$69 million and \$66 million for the years ended December 31, 2015, 2014 and 2013, respectively. We have capital lease obligations totaling approximately \$0.2 million at December 31, 2015 and 2014, included in other long-term liabilities on the balance sheet.

## Note 5 – Intangible Assets

Intangible assets subject to amortization at December 31 were as follows:

December 31, 2015

Intangible Assets	Useful life	Gross Carrying Amount	Accumulated Amortization	Currency Exchange	Net
<b>Amortized intangible assets</b>					
Patents	5-15 years	\$11,823	\$ (7,722 )	\$ (261 )	\$3,840
Software license	3 years	1,212	(1,212 )	-	-
Developed product technology	2-10 years	152,309	(28,969 )	(5,929 )	117,411
Customer relationships	12 years	62,093	(8,491 )	(1,460 )	52,142
Trademarks and trade names	4-7 years	3,000	(2,125 )	-	875
Other	4-7 years	1,610	(309 )	(75 )	1,226

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Total amortized intangible assets		232,047	(48,828 )	(7,725 )	175,494
Intangible assets with indefinite lives					
In process research and development	Indefinite	11,400	-	-	11,400
Trademarks and trade names	Indefinite	10,303	-	(788 )	9,515
Total Intangible assets with indefinite lives		21,703	-	(788 )	20,915
Total intangible assets		\$253,750	\$ (48,828 )	\$ (8,513 )	\$196,409

December 31, 2014

Intangible Assets	Useful life	Gross Carrying Amount	Accumulated Amortization	Currency Exchange and Other	Net
Amortized intangible assets					
Patents	5-15 years	\$ 11,815	\$ (7,014 )	\$ (249 )	\$4,552
Software license	3 years	1,212	(1,212 )	-	-
Developed product technology	2-10 years	50,308	(24,224 )	(5,749 )	20,335
Customer relationships	12 years	20,393	(6,202 )	(1,351 )	12,840
Trademarks and trade names	4-7 years	3,000	(1,375 )	(59 )	1,566
Total amortized intangible assets		86,728	(40,027 )	(7,408 )	39,293
Intangible assets with indefinite lives					
Trademarks and trade names	Indefinite	6,403	-	(668 )	5,735
Total Intangible assets with indefinite lives		6,403	-	(668 )	5,735
Total intangible assets		\$ 93,131	\$ (40,027 )	\$ (8,076 )	\$45,028

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Amortization expense related to intangible assets subject to amortization was \$9 million, \$8 million and \$8 million for the years ended December 31, 2015, 2014 and 2013, respectively.

Amortization of intangible assets is as follows:

2016	\$20,509
2017	18,826
2018	17,844
2019	17,297
2020	15,249
2021 and thereafter	85,769
Total	\$175,494

## NOTE 6 – GOODWILL

Changes in goodwill for the years ended December 31 were as follows:

Balance at December 31, 2013	\$84,714
Currency exchange and other	(3,485 )
Balance at December 31, 2014	81,229
Acquisitions	54,280
Currency exchange and other	(2,596 )
Balance at December 31, 2015	\$132,913

## NOTE 7 – BANK CREDIT AGREEMENTS AND OTHER SHORT-TERM AND LONG-TERM DEBT

We maintain credit facilities with several financial institutions through our entities worldwide totaling \$84 million. In some cases, our foreign credit lines are unsecured, uncommitted and may be repayable on demand.

On September 2, 2015, the Company and Diodes International B.V. (the “Foreign Borrower” and, collectively with the Company, the “Borrowers”), and certain subsidiaries of the Company as guarantors, entered into an Amendment No. 3 to Credit Agreement, Incremental Term Assumption Agreement, Limited Waiver and Consent (the “Amendment”) with Bank of America, N.A., as Administrative Agent, and the lenders party to the Amendment (collectively, the “Lenders”),

which amends the Credit Agreement dated January 8, 2013 (as previously amended by Amendment No. 1 to Credit Agreement and Limited Waiver dated as of November 1, 2013 and Amendment No. 2 to Credit Agreement and Amendment No. 1 to Collateral Agreement dated as of June 19, 2015) (as previously amended and as amended by the Amendment, the “Credit Agreement”).

The Amendment increases the Company’s existing senior credit facility to a \$400 million revolving senior credit facility (the “Revolver”), which includes a \$10 million swing line sublimit, a \$10 million letter of credit sublimit, and a \$20 million alternative currency sublimit, and a \$100 million term loan facility (the “Term Loan Facility”). We may from time to time request additional increases in the aggregate commitments under the Credit Agreement of up to \$200 million, subject to the Lenders electing to increase their commitments or by means of the addition of new Lenders, and subject to at least half of each increase in aggregate commitments being in the form of term loans, with the remaining amount of each increase being an increase in the amount of the Revolver. The Revolver and the Term Loan Facility mature on January 8, 2018 (the “Maturity Date”). The Company used a portion of the proceeds available under the Revolver and the Term Loan Facility to finance a portion of the purchase price for the Pericom acquisition, with the remaining proceeds available for working capital, for capital expenditures, and for general corporate purposes, including financing other permitted acquisitions.

The Credit Agreement contains certain financial and non-financial covenants, including, but not limited to, a maximum Consolidated Leverage Ratio, a minimum Consolidated Fixed Charge Coverage Ratio, and restrictions on liens, indebtedness, investments, fundamental changes, dispositions, and restricted payments (including dividends) (as such terms are defined in the Amendment or the Credit Agreement).

As of December 31, 2015, our U.S. and Asia subsidiaries had unused and available credit lines of up to an aggregate of approximately \$83 million, with several financial institutions. In some cases, our foreign credit lines are unsecured, uncommitted and may be repayable on demand, except for two Taiwanese credit facilities that are collateralized by assets. Our foreign credit lines bear

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interest at LIBOR or similar indices plus a specified margin. At December 31, 2015, there were no amounts outstanding on these credit lines.

Borrower's obligations under the Credit Agreement are secured by substantially all assets of the Borrowers and certain of their subsidiaries.

Under the Revolver, the Borrowers may borrow in United States Dollars ("USD"), Euros, British Pounds Sterling or another currency approved by the Lenders. Borrowed amounts under the Revolver and the Term Loan Facility bear interest at a rate per annum equal to (a) a base rate (equal to the highest of (i) the Federal Funds Rate plus  $\frac{1}{2}$  of 1.00%, (ii) Bank of America's "prime rate", and (iii) the Eurocurrency Rate plus 1.00%.) plus 0.50% and 1.50%, based upon the Borrowers' Consolidated Leverage Ratio, or (b) the Eurocurrency Rate plus 1.50% and 2.50%, based upon the Borrowers' Consolidated Leverage Ratio. The Revolver also bears a commitment fee of 0.25% to 0.40% based on the Borrowers' Consolidated Leverage Ratio.

The unused and available credit under the various facilities as of December 31, 2015, was approximately \$83 million (net of approximately \$1 million credit used for import and export guarantee), as follows:

		Outstanding at December 31,
2015		2015
Lines of		2014
Credit	Terms	
	Unsecured, interest at LIBOR plus margin, due	
\$84,326	quarterly	\$- \$1,064

Long-term debt – The balances as of December 31, consist of the following:

	2015	2014
Notes payable to Taiwan bank, original principal amount of TWD 132 million, variable interest (approximately 1.9% as of December 31, 2015), matures July 6, 2021.	1,723	2,074
Term loan and revolver	464,500	139,000
Total long-term debt	466,223	141,074
Less: Current portion	(10,282 )	(287 )
Long-term debt, net of current portion	\$455,941	\$140,787

The table below sets forth the annual contractual maturities of long-term debt at December 31, 2015:



2016	\$10,282
2017	287
2018	454,793
2019	299
2020	299
Thereafter	263
Total long-term debt	\$466,223

NOTE 8 – ACCRUED LIABILITIES AND OTHER LONG-TERM LIABILITIES

Accrued liabilities and other current liabilities at December 31 were:

	2015	2014
Accrued expenses	\$34,108	\$27,384
Compensation and payroll taxes	23,867	19,423
Equipment purchases	13,060	8,563
Accrued pricing adjustments	3,767	2,328
Accrued professional services	2,082	1,978
Other	917	473
	\$77,801	\$60,149

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Other long-term liabilities at December 31 were:

	2015	2014
Accrued defined benefit plan	\$30,406	\$37,618
Unrecognized tax benefits	20,933	15,425
Deferred grant and subsidy	20,361	9,538
Income tax contingencies	10,782	10,210
Deferred compensation	5,600	4,978
Other	2,071	1,163
	\$90,153	\$78,932

## NOTE 9 – STOCKHOLDERS' EQUITY

We have never declared or paid cash dividends on our Common Stock. Our credit agreement with Bank of America N.A. and other lenders parties permits us to pay dividends up to \$1.5 million per fiscal year to its stockholders so long as we have not defaulted and are in continuing operation at the time of such dividend. The payment of dividends is within the discretion of our Board of Directors. See Note 7 for additional information regarding our credit agreements.

During November 2015 the Company's board of directors authorized a share repurchase plan to repurchase up to an aggregate of \$100 million of the Company's outstanding common stock, \$0.66 2/3 par value per share. The share repurchase program is expected to continue through the end of 2019 unless extended or shortened by the Board of Directors. During 2015, the Company repurchased 466,010 of its common shares at a cost of \$11 million. All purchases were made through open market transactions and were recorded as treasury stock.

## NOTE 10 – INCOME TAXES

Income (loss) before income taxes	2015	2014	2013
U.S.	\$(21,091)	\$392	\$(12,936)
Foreign	61,686	85,600	51,521
Total	\$40,595	\$85,992	\$38,585

The components of the income tax provision (benefit) are as follows for the years ended December 31:

	2015	2014	2013
Current tax provision (benefit)			
Federal	\$12	\$285	\$1,315
Foreign	17,983	21,783	9,270
State	29	44	(187 )
	18,024	22,112	10,398
Deferred tax provision (benefit)			
Federal	(2,739 )	2,996	(1,531 )
Foreign	(1,063 )	(4,244 )	(2,197 )
State	(228 )	51	9
	(4,030 )	(1,197 )	(3,719 )
Liability for unrecognized tax benefits	88	(556 )	7,802
Total income tax provision	\$14,082	\$20,359	\$14,481

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## DIODES INCORPORATED AND SUBSIDIARIES

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(Table amounts in thousands except per share data)

## Effective Tax Rate Reconciliation

Reconciliation between the effective tax rate and the statutory tax rates for the years ended December 31, 2015, 2014, and 2013 is as follows:

	2015		2014		2013	
	Amount	Percent of pretax earnings	Amount	Percent of pretax earnings	Amount	Percent of pretax earnings
Federal tax	\$14,214	35.0	\$30,097	35.0	\$13,501	35.0
State income taxes, net of federal tax provision	(152 )	(0.4 )	18	-	29	0.1
Foreign income taxed at lower tax rates	(10,126)	(24.9 )	(9,421 )	(11.0 )	(8,363 )	(21.7 )
U.S. tax impact of foreign operations	2,046	5.0	365	0.4	608	1.6
Foreign withholding taxes	2,268	5.6	3,694	4.3	866	2.2
Goodwill impairment	-	-	-	-	904	2.3
Research and development	(2,068 )	(5.1 )	(2,666 )	(3.1 )	(2,294 )	(5.9 )
Liability for unrecognized tax benefits	88	0.2	(556 )	(0.6 )	7,802	20.2
Valuation allowance	3,580	8.8	876	1.0	868	2.3
Provision-to-return adjustments	994	2.4	(1,925 )	(2.2 )	554	1.4
Other	3,238	8.1	(123 )	(0.1 )	6	-
Income tax provision	\$14,082	34.7	\$20,359	23.7	\$14,481	37.5

## Uncertain Tax Positions

In accordance with the provisions related to accounting for uncertainty in income taxes, we recognize the benefit of a tax position if the position is “more likely than not” to prevail upon examination by the relevant tax authority. A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows:

	2015	2014	2013
Balance at January 1,	\$19,488	\$20,710	\$14,591
Additions based on tax positions related to the current year	3,450	2,729	3,659
Additions for prior year tax positions	6,963	424	10,206
Reductions for prior year tax positions	(3,398 )	(4,375 )	(7,746 )

Balance at December 31, \$26,503 \$19,488 \$20,710

The total amount of unrecognized tax benefits that, if recognized, would affect our effective tax rate was approximately \$27 million at December 31, 2015. It is reasonably possible that the amount of the unrecognized benefit with respect to certain of our unrecognized tax positions will significantly increase or decrease within the next 12 months. These changes may be the result of settlements of ongoing audits or competent authority proceedings. At this time, an estimate of the range of the reasonably possible outcomes cannot be made.

We file income tax returns in the U.S. federal jurisdiction and in various state and foreign jurisdictions. We are no longer subject to U.S. federal income tax examinations by tax authorities for tax years before 2007, or for the 2010 tax year. We are no longer subject to China income tax examinations by tax authorities for tax years before 2005. With respect to state and local jurisdictions and countries outside of the U.S., with limited exceptions, we are no longer subject to income tax audits for years before 2011. Although the outcome of tax audits is always uncertain, we believe that adequate amounts of tax, interest and penalties, if any, have been provided for in our reserve for any adjustments that may result from future tax audits. We recognize accrued interest and penalties, if any, related to unrecognized tax benefits in interest expense. We had an immaterial amount of accrued interest and penalties at December 31, 2015, 2014 and 2013.

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(Table amounts in thousands except per share data)

## Deferred Taxes

At December 31, 2015 and 2014, our deferred tax assets and liabilities are comprised of the following items:

	2015	2014
Deferred tax assets		
Inventory cost	\$7,944	\$6,878
Accrued expenses and accounts receivable	2,206	2,042
Foreign tax credits	20,133	19,806
Research and development tax credits	12,306	6,034
Net operating loss carryforwards	25,878	14,706
Accrued pension	7,169	22,283
Share based compensation and others	18,238	20,655
	93,874	92,404
Valuation allowances	(35,738)	(41,163)
Total deferred tax assets, non-current	58,136	51,241
Deferred tax liabilities		
Plant, equipment and intangible assets	(39,722)	(3,334)
Total deferred tax liabilities, non-current	(39,722)	(3,334)
Net deferred tax assets	\$18,414	\$47,907

Certain items have been reclassified in 2014 and 2013 for consistency in presentation with 2015.

We prospectively adopted ASU No. 2013-11, Presentation of an Unrecognized Tax Benefit When a Net Operating Loss Carryforward, a Similar Tax Loss, or a Tax Credit Carryforward Exists, (“ASU 2013-11”) effective in the first quarter of 2014. ASU No. 2013-11 provides that an entity is required to present an unrecognized tax benefit, or a portion of an unrecognized tax benefit, in the financial statements as a reduction to a deferred tax asset for a net operating loss carryforward, a similar tax loss, or a tax credit carryforward. The \$13 million net deferred tax asset presented on the balance sheet as of December 31, 2015, is net of \$5 million of unrecognized tax benefits. The \$18 million net deferred tax asset presented above is prior to the net balance sheet presentation required by ASU 2013-11. The \$44 million net deferred tax assets presented as of December 31, 2014, is net of \$4 million of unrecognized tax benefits. The \$48 million net deferred tax asset presented above is the net balance sheet presentation required by ASU 2013-11.

At December 31, 2015, we had federal and state tax credit carryforwards of approximately \$26 million and \$7 million, respectively, which are available to offset future income tax liabilities. The federal tax credit carryforwards begin to expire in 2015 and the state tax credit carryforwards will begin to expire in 2020. We determined that it is more likely than not that a portion of our federal foreign tax credit and federal and state research credit carryforwards will expire before they are utilized. The valuation allowances recorded against the related deferred tax assets totaled \$22 million as of December 31, 2015.

At December 31, 2015, we had federal and state net operating loss (“NOL”) carryforwards of approximately \$56 million and \$3 million, respectively, and foreign NOL carryforwards of \$17 million which are available to offset future taxable income. The federal NOL carryforwards will begin to expire in 2032. We determined that it is more likely than not that the U.S. federal NOL carryforwards will be utilized; thus, no valuation allowance has been recorded. The U.S. state NOL carryforwards will begin to expire in 2015. We determined that it is more likely than not that the U.S. state NOL carryforwards will expire before they are fully utilized and recorded a full valuation allowance on the related deferred tax assets. The foreign NOL carryforwards will begin to expire in 2020. We determined that it is more likely than not that a portion of the foreign NOL carryforwards will expire before they are fully utilized. The valuation allowances recorded against the related deferred tax assets totaled \$2 million as of December 31, 2015..

#### Supplemental Information

Funds repatriated from foreign subsidiaries to the U.S. may be subject to federal and state income taxes. We intend to permanently reinvest overseas all of our earnings from our foreign subsidiaries, except to the extent such undistributed earnings have previously been subject to U.S. tax; accordingly, U.S. taxes are not being recorded on undistributed foreign earnings. As of December 31, 2015, we had undistributed earnings from our non-U.S. operations of approximately \$536 million (including approximately \$42 million of restricted earnings which are not available for dividends). Undistributed earnings of our China

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subsidiaries comprise \$383 million of this total. Additional federal and state income taxes of approximately \$146 million would be required should the \$536 million of such earnings be repatriated to the U.S. as dividends.

The impact of tax holidays decreased our tax expense by approximately \$3 million, \$2 million and \$2 million for the years ended December 31, 2015, 2014 and 2013, respectively. The benefit of the tax holidays on both basic and diluted earnings per share for the years ended December 31, 2015 was approximately \$0.06. The benefit of the tax holidays on both basic and diluted earnings per share for the years ended December 31, 2014 and 2013 was approximately \$0.05.

## NOTE 11 – EMPLOYEE BENEFIT PLANS

## Defined Benefit Plan

In connection with the Zetex acquisition, we adopted a contributory defined benefit plan that covers certain employees in the U.K. The defined benefit plan is closed to new entrants and frozen with respect to future benefit accruals. The retirement benefit is based on the final average compensation and service of each eligible employee. We determined the fair value of the defined benefit plan assets and utilize an annual measurement date of December 31. At subsequent measurement dates, defined benefit plan assets will be determined based on fair value. Defined benefit plan assets consist primarily of high quality corporate bonds that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating the terms of the related pension liability. The net pension and supplemental retirement benefit obligations and the related periodic costs are based on, among other things, assumptions of the discount rate, estimated return on plan assets and mortality rates. These obligations and related periodic costs are measured using actuarial techniques and assumptions. The projected unit credit method is the actuarial cost method used to compute the pension liabilities and related expenses.

Net period benefit costs associated with the defined benefit were approximately \$1 million for each of the years ended December 31, 2015 and 2014. All unrecognized actuarial gains and losses, prior service costs and accumulated other comprehensive income are eliminated and the balance sheet liability is set equal to the funded status of the defined benefit plan at acquisition date.

The following table summarizes the net periodic benefit costs of the plan for the years ended December 31, 2015 and 2014:

Defined Benefit Plan	
2015	2014



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Components of net periodic benefit cost:		
Service cost	\$305	\$329
Interest cost	5,712	6,733
Recognized actuarial loss	1,429	1,036
Expected return on plan assets	(6,213)	(6,781)
Net periodic benefit cost	\$1,233	\$1,317

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The following tables set forth the benefit obligation, the fair value of plan assets, and the funded status as of December 31:

	Defined Benefit Plan	
	2015	2014
Change in benefit obligation:		
Beginning balance	\$159,715	\$149,316
Service cost	305	329
Interest cost	5,712	6,733
Actuarial gain (loss)	(9,043 )	17,650
Benefits paid	(4,072 )	(4,511 )
Currency changes	(7,598 )	(9,802 )
Benefit obligation at December 31	\$145,019	\$159,715
Change in plan assets:		
Beginning balance - fair value	\$122,780	\$116,567
Employer contribution	514	2,569
Actual return on plan assets	3,144	15,701
Benefits paid	(4,072 )	(4,511 )
Currency changes	(5,980 )	(7,546 )
Fair value of plan assets at December 31	\$116,386	\$122,780
Underfunded status at December 31	\$(28,633 )	\$(36,935 )

Based on an actuarial study performed as of December 31, 2015, the plan is underfunded by approximately \$29 million and the liability is reflected in our consolidated balance sheets as a noncurrent liability and the amount recognized in accumulated other comprehensive loss was approximately \$31 million. The majority of the improvement of the underfunded status in 2015 was caused by the change in discount rates, and partially offset by the better than expected investment returns and a decrease in future inflation expectations.

We apply the “10% corridor” approach to amortize unrecognized actuarial gains (losses). Under this approach, only actuarial gains (losses) that exceed 10% of the greater of the projected benefit obligation or the market-related value of the plan assets are amortized. For the year ended December 31, 2015, the plan’s total recognized loss decreased by approximately \$5 million. The variance between the actual and expected return to plan assets during 2015 increased the total unrecognized net loss by approximately \$6 million. The total unrecognized net loss is more than 10% of the projected benefit obligation and 10% of the plan assets. Therefore, the excess amount will be amortized over the average term to retirement of plan participants not yet in receipt of pension, which as of December 31, 2015 the average term was approximately 13 years. The following weighted-average assumptions were used to determine net periodic benefit costs for the year ended December 31:

	2015	2014
Discount rate	4.0%	3.7%

Expected long-term return on plan assets 6.0% 5.2%

The following weighted-average assumption was used to determine the benefit obligations for the year ended December 31:

	2015	2014
Discount rate	4.0%	3.7%

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

The expected long-term return on plan assets was determined based on historical and expected future returns of the various asset classes. The plan's investment policy includes a mandate to diversify assets and invest in a variety of asset classes to achieve its expected long-term return and is currently invested in a variety of funds representing most standard equity and debt security classes. Trustees of the plan may make changes at any time. The following summarizes the plan asset allocations of the assets in the plan and expected long-term return by asset category:

Asset category	Expected long-term return		Asset allocation	
Growth assets	7.6	%	68	%
Hedging assets	2.6	%	28	%
Target return assets	7.1	%	1	%
Cash	0.5	%	3	%
Total	6.0	%	100	%

Benefit plan payments are primarily made from funded benefit plan trusts and current assets. The following summarizes the expected future benefit payments, including future benefit accrual, as of December 31, 2015:

2016	\$4,039
2017	4,110
2018	4,364
2019	4,466
2020	4,910
2021-2025	32,674

We adopted a payment plan with the trustees of the defined benefit plan, in which we will pay approximately GBP 2 million every year from 2012 through 2019. In the first quarter of 2015, based on the pension deficit, we adopted (as required every three years) an amended payment plan in which we will pay approximately GBP 2 million (approximately \$3 million based on a USD:GBP exchange rate of 1.6:1) annually through 2030.

Our overall defined benefit plan investment strategy is to achieve a mix of investments for long-term growth and for near-term benefit payments with a wide diversification of asset types and fund strategies. The target allocations for plan assets are 48% equity securities, 40% corporate bonds and government securities, and 12% to absolute return funds. Equity securities primarily include investments in large-cap and mid-cap companies primarily located in the U.K. Fixed income securities include corporate bonds of companies from diversified industries, and U.K. government bonds. The absolute return fund is mainly invested in a mixture of equities and bonds.

The plan's trustees appoint fund managers to carry out all the day-to-day functions relating to the management of the fund and its administration. The fund managers must invest their portion of the plan's assets in accordance with their investment manager agreement agreed by the trustees. The trustees are responsible for agreeing these investment manager agreements and for deciding on the portion of the plan's assets that will be invested with each fund manager. When making decisions, the trustees take advice from experts including the plan's actuary and also consult with us.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

The following table summarizes the major categories of the plan assets:

December 31, 2015				
Asset category	Level 1	Level 2	Level 3	Total
Cash	\$3,643	\$6,538	\$ -	\$10,181
Equity securities:				
U.K.	-	2,025	-	2,025
North America	-	17,182	-	17,182
Europe (excluding U.K.)	-	4,309	-	4,309
Japan	-	3,373	-	3,373
Pacific Basin (excluding Japan)	-	939	-	939
Emerging markets	-	6,718	-	6,718
Fixed income securities:				
Corporate bonds	-	5,920	-	5,920
Others	-	3,392	-	3,392
Index linked securities:				
Others	-	196	-	196
Other types of investments:				
Absolute return funds	702	3,908	-	4,610
Hedge funds	-	15,791	-	15,791
Development REITS	-	5,664	-	5,664
Insurance linked securities	-	3,916	-	3,916
Liability driven investments	-	32,105	-	32,105
Other	-	65	-	65
Total	\$4,345	\$112,041	\$ -	\$116,386

Fair value is taken to mean the bid value of securities, as supplied by the fund managers. All the plan's securities are publically traded and highly liquid. The plan does not hold any Level 3 securities. See Note 2 for additional information regarding fair value and Levels 1, 2 and 3.

The investment manager agreements require the fund managers to invest in a diverse range of stocks and bonds across each particular asset class. The stocks held by the plan in a particular asset class should therefore match closely the underlying stocks in the relevant index. We believe that this leads to minimal concentration of risk within each asset class; although we recognize that some asset classes are inherently more risky than others.

We also have pension plans in Asia for which the benefit obligation, fair value of the plan assets and the funded status amounts are deemed immaterial and therefore, not included in the amounts or assumptions above.

## 401(k) Retirement Plan

We maintain a 401(k) retirement plan (“the Plan”) for the benefit of qualified employees at our U.S. locations. Employees who participate may elect to make salary deferral contributions to the Plan up to 100% of the employees’ eligible payroll subject to annual Internal Revenue Code maximum limitations. We currently make a matching contribution of \$1 for every \$2 contributed by the participant up to 6% (3% maximum matching) of the participant’s eligible payroll, which vests over an initial four years. In addition, we may make a discretionary contribution to the entire qualified employee pool, in accordance with the Plan.

As stipulated by the regulations of China, we maintain a retirement plan pursuant to the local municipal government for the employees in China. We are required to make contributions to the retirement plan at a rate between 10% and 22% of the employee’s eligible payroll. Pursuant to the Taiwan Labor Standard Law and Factory Law, we maintain a retirement plan for the employees in Taiwan, whereby we make contributions at a rate of 6% of the employee’s eligible payroll.

For the years ended December 31, 2015, 2014 and 2013, total amounts expensed under these plans were approximately \$14 million, \$13 million and \$6 million, respectively.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

## Deferred Compensation Plan

We maintain a Non-Qualified Deferred Compensation Plan (the “Deferred Compensation Plan”) for executive officers, key employees and members of the Board of Directors (the “Board”). The Deferred Compensation Plan allows eligible participants to defer the receipt of eligible compensation, including equity awards, until designated future dates. We offset our obligations under the Deferred Compensation Plan by investing in the actual underlying investments. These investments are classified as trading securities and are carried at fair value. At December 31, 2015, these investments totaled approximately \$6 million. All gains and losses in these investments are materially offset by corresponding gains and losses in the deferred compensation plan liabilities.

## Share-Based Plans

We maintain share-based compensation plans for our Board, officers and key employees, which provide for stock options and stock awards under our equity incentive plans, as described in Note 12.

## NOTE 12 - SHARE-BASED COMPENSATION

The table below sets forth compensation cost charged as an expense for share-based compensation plans, including stock options and share grants, recognized in the statements of income for the years ended December 31, 2015, 2014 and 2013:

	2015	2014	2013
Cost of goods sold	\$716	\$438	\$522
Selling, general and administrative expense	16,228	12,438	11,645
Research and development expense	2,026	1,228	1,384
Total share-based compensation expense	\$18,970	\$14,104	\$13,551

Stock Options – Stock options under our 2001 Omnibus Equity Incentive Plan (“2001 Plan”) generally vest in equal annual installments over a four-year period and expire ten years after the grant date. For the years ended December 31, 2015, 2014 and 2013, stock option expense was approximately \$3 million, \$3 million and \$4 million, respectively.

In May 2013, our stockholders approved our 2013 Equity Incentive Plan (“2013 Plan”). Since the approval of the 2013 Plan, all stock options are granted under the 2013 Plan, and we will not grant any further stock options under our 2001 Plan. Stock options under the 2013 Plan generally vest in equal annual installments over a four-year period and expire eight years after the grant date. The number of shares authorized to be awarded under the 2013 Plan is 6 million shares. For additional information on the 2013 Plan, see our definitive proxy statement filed with the SEC.



Share-based compensation expense for stock options granted during 2014 and 2013 was calculated on the date of grant using the Black-Scholes-Merton option-pricing model with the following weighted-average assumptions:

	2014	2013
Weighted-average grant date fair value (1)	\$15.68	\$12.88
Weighted-average assumptions used:		
Expected volatility	53.36%	53.36%
Expected term (years)	7.2	7.2
Risk-free interest rate	2.08 %	1.49 %
Forfeiture rate	0.00 %	0.78 %
Expected dividend yield	0.00 %	0.00 %

(1) No stock options were granted in 2015.

Expected volatility – We estimate expected volatility using historical volatility. Public trading volume on options in our stock is not material. As a result, we determined that utilizing an implied volatility factor would not be appropriate. We calculate historical volatility for the period that is commensurate with the options' expected term assumption.

Expected term – We have evaluated expected term based on history and exercise patterns across our demographic population. We believe that this historical data is the best estimate of the expected term of a new option.

## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Risk free interest rate – We estimate the risk-free interest rate based on zero-coupon U.S. treasury securities for a period that is commensurate with the expected term assumption.

Forfeiture rate - The amount of stock-based compensation recognized during a period is based on the value of the portion of the awards that are ultimately expected to vest as forfeitures are estimated at the time of grant and revised, if necessary, in subsequent periods if actual forfeitures differ from those estimates. The term “forfeitures” is distinguished from “cancellations” or “expirations” and represents only the unvested portion of the surrendered option. This analysis will be re-evaluated at least annually, and the forfeiture rate for all grants will be adjusted as necessary.

Total cash received from option exercises was approximately \$10 million, \$6 million and \$3 million during 2015, 2014 and 2013, respectively.

At December 31, 2015, unamortized compensation expense related to unvested options, net of estimated forfeitures, was approximately \$3 million. The weighted average period over which share-based compensation expense related to these options will be recognized is approximately 2 years.

The table below sets forth a summary of activity in our stock option plans:

Stock Options	Shares	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (years)	Aggregate Intrinsic Value
Outstanding at January 1, 2013	3,713	\$ 17.85		
Granted	186	23.35		
Exercised	(341 )	7.70		
Forfeited or expired	(432 )	20.34		
Outstanding at December 31, 2013	3,126	18.93		
Granted	176	27.92		
Exercised	(564 )	10.37		
Forfeited or expired <sup>(1)</sup>	(2 )	29.21		
Outstanding at December 31, 2014	2,736	21.26		
Granted	-	-		
Exercised	(653 )	15.63		
Forfeited or expired	(20 )	22.91		
Outstanding at December 31, 2015	2,063	\$ 23.03	3.9	\$ 4,111
Exercisable at December 31, 2015	1,776	\$ 22.82	3.6	\$ 3,840

(1)

The Compensation Committee of the Board of Directors reviewed the grants of stock options to the Chief Executive Officer (“CEO”) in 2009, 2010, 2011 and 2012 (each such annual grant, an “Option Grant”), and approved a Confirmation Agreement, dated April 1, 2013, in which we and our CEO agreed and confirmed that our CEO will assert no claim that any Option Grant in 2009, 2010, 2011 or 2012 provided for the purchase of more than 100,000 shares of our Common Stock, and that each Option Grant document be deemed amended to reflect the foregoing 100,000 share limitation.

The table below summarizes information about stock options outstanding at December 31, 2015:

Plan	Range of exercise prices	Number outstanding	Weighted average remaining contractual life (years)	Weighted average exercise price
2001 Plan	\$ 15.05-29.21	1,722	3.5	\$ 22.52
2013 Plan	\$ 23.35-27.92	341	5.9	\$ 25.61

## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

The table below summarizes information about stock options exercisable at December 31, 2015:

Plan	Range of exercise prices	Number exercisable	Weighted average remaining contractual life (years)	Weighted average exercise price
2001 Plan	\$ 15.05-29.21	1,648	3.4	\$ 22.66
2013 Plan	\$ 23.35-27.92	128	5.8	\$ 24.86

Share Grants—Restricted stock awards and restricted stock units generally vest in equal annual installments over a four-year period. Since the approval of the 2013 Plan, all new grants are granted under the 2013 Plan, and we will not grant any further grants under our 2001 Plan.

The table below sets forth a summary of our non-vested share grants in 2015, 2014 and 2013:

Restricted Stock Grants	Shares	Weighted Average Grant Date Fair Value	Aggregate Intrinsic Value
Nonvested at December 31, 2012	1,164	20.42	
Granted	453	24.66	
Vested	(428 )	19.90	
Forfeited	(58 )	21.66	
Nonvested at December 31, 2013	1,131	22.35	
Granted	788	25.08	
Vested	(346 )	22.34	
Forfeited	(38 )	24.98	
Nonvested at December 31, 2014	1,535	23.32	\$ 42,324
Granted	1,557	22.46	
Vested	(370 )	25.02	\$ 9,462
Forfeited	(43 )	26.08	
Nonvested at December 31, 2015	2,679	\$ 23.51	\$ 61,247

For the years ended December 31, 2015, 2014 and 2013, share-based compensation expense related to restricted stock arrangements granted was approximately \$16 million, \$11 million and \$9 million, respectively. Included in the restricted stock grant for 2015 were 724,000 shares granted to Pericom employees. In 2015 approximately \$4 million of the increase in restricted stock expense was related to Diodes restricted stock grants issued as replacement for unvested Pericom employee awards outstanding at the date of the acquisition. The total unrecognized share-based compensation expense as of December 31, 2015 was approximately \$34 million, which is expected to be recognized over a weighted average period of approximately 3 years.

NOTE 13 – RELATED PARTY TRANSACTIONS

We conduct business with a related party company, Lite-On Semiconductor Corporation, and its subsidiaries and affiliates (“LSC”), and Nuvoton Technology Corporation and its subsidiaries and affiliates (collectively, “Nuvoton”). LSC is our largest stockholder, owning approximately 17% of our outstanding Common Stock as of December 31, 2015, and is a member of the Lite-On Group of companies. We sold products to LSC totaling less than 1% of our net sales for the years ended December 31, 2015, 2014 and 2013, respectively. Raymond Soong, the Chairman of the Board of Directors, is the Chairman of LSC, and is the Chairman of Lite-On Technology Corporation (“LTC”), a significant shareholder of LSC. C.H. Chen, our former President and Chief Executive Officer and currently the Vice Chairman of the Board of Directors, is also Vice Chairman of LSC and a board member of LTC. Dr. Keh-Shew Lu, our President and Chief Executive Officer and a member of our Board of Directors, is a board member of LTC, and a board member of Nuvoton. L.P. Hsu, a member of our Board of Directors serves as a consultant to LTC, and is a supervisor of the board of Nuvoton. We consider our relationships with LSC, a member of the Lite-On Group of companies, and Nuvoton to be mutually beneficial and we plan to continue our strategic alliance with LSC and Nuvoton. We purchase wafers from Nuvoton for use in our production process.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

We also conduct business with Keylink International (B.V.I.) Inc. and its subsidiaries and affiliates (“Keylink”). Keylink is our 5% joint venture partner in our Shanghai assembly and test facilities. We sell products to, and purchase inventory from, companies owned by Keylink. We sold products to companies owned by Keylink, totaling 1%, 1% and 3% of net sales for each of the years ended December 31, 2015, 2014 and 2013. In addition, our subsidiaries in China lease their manufacturing facilities in Shanghai from, and subcontract a portion of our manufacturing process (metal plating and environmental services) to, Keylink. We also pay a consulting fee to Keylink. The aggregate amounts for these consulting services for the years ended December 31, 2015, 2014 and 2013 were approximately \$18 million, \$19 million and \$17 million, respectively. In addition, Chengdu Ya Guang Electronic Company Limited (“Ya Guang”) is our 5% joint venture partner in our two Chengdu assembly and test facilities, however, we have no material transactions with Ya Guang.

The Audit Committee of the Board reviews all related party transactions for potential conflict of interest situations on an ongoing basis, all in accordance with such procedures as the Audit Committee may adopt from time to time.

The table below sets forth net sales and purchases from related parties for the twelve months ended December 31:

	2015	2014	2013
<b>LSC</b>			
Net sales	\$588	\$751	\$770
Purchases	\$22,378	\$31,588	\$35,329
<b>Keylink</b>			
Net sales	\$9,749	\$9,465	\$10,559
Purchases	\$6,272	\$8,122	\$8,030
<b>Nuvoton</b>			
Purchases	\$12,598	\$12,697	\$8,317

The table below sets forth accounts receivable from and accounts payable to related parties at December 31:

	2015	2014
<b>LSC</b>		
Accounts receivable	\$55	\$215
Accounts payable	\$2,845	\$4,458
<b>Keylink</b>		
Accounts receivable	\$4,112	\$4,142
Accounts payable	\$5,147	\$6,472

Nuvoton

Accounts payable \$1,477 \$1,167

NOTE 14 – SEGMENT INFORMATION AND ENTERPRISE-WIDE DISCLOSURES

An operating segment is defined as a component of an enterprise about which separate financial information is available that is evaluated regularly by the chief decision maker, or decision-making group, in deciding how to allocate resources and in assessing performance. Our chief decision-making group consists of the President and CEO, Chief Financial Officer, Senior Vice President of Operations and Senior Vice President of Sales and Marketing. For financial reporting purposes, we operate in a single segment, standard semiconductor products, through our various manufacturing and distribution facilities. We aggregate our different legal entities into a single segment due to the products having similar economic characteristics, being similar in production process and manufacture flow, and sharing the same customers and target end-equipment markets.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Our primary operations include the operations in Asia, North America and Europe. The table below sets forth net sales by geographic areas based on the location of subsidiaries producing the net sales:

2015	North			Consolidated
	Asia	America	Europe	
Total sales	\$793,960	\$143,800	\$164,304	\$1,102,064
Inter-company sales	(118,415)	(60,882)	(73,863)	(253,160)
Net sales	\$675,545	\$82,918	\$90,441	\$848,904
Property, plant and equipment	\$362,186	\$58,152	\$19,002	\$439,340
Assets	\$969,352	\$466,170	\$165,508	\$1,601,030
2014	North			
	Asia	America	Europe	Consolidated
Total sales	\$814,589	\$154,861	\$179,021	\$1,148,471
Inter-company sales	(106,728)	(63,945)	(87,147)	(257,820)
Net sales	\$707,861	\$90,916	\$91,874	\$890,651
Property, plant and equipment	\$262,582	\$26,363	\$20,986	\$309,931
Assets	\$874,331	\$128,174	\$176,652	\$1,179,157
2013	North			
	Asia	America	Europe	Consolidated
Total sales	\$750,339	\$143,251	\$165,179	\$1,058,769
Inter-company sales	(75,731)	(65,947)	(90,245)	(231,923)
Net sales	\$674,608	\$77,304	\$74,934	\$826,846
Property, plant and equipment	\$268,196	\$30,040	\$23,777	\$322,013
Assets	\$858,114	\$120,104	\$184,040	\$1,162,258

The accounting policies of the operating entities are the same as those described in the summary of significant accounting policies.

Geographic Information - Historically, we reported net sales “billed to” customers located in various countries. In 2013, we changed to net sales “shipped to” customer locations as we believe the change better represents where our customers business activities occur. All years presented reflect this change.



## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Net sales were derived from (shipped to) customers located in the following countries. “All others” represents countries with less than 3% of total net sales each:

2015	Net Sales	% of Total Net Sales	
China	507,783	60	%
U.S.	76,870	9	%
Korea	66,605	8	%
Germany	57,036	7	%
Singapore	51,742	6	%
Taiwan	30,127	4	%
All others	58,741	6	%
Total	\$848,904	100	%

2014	Net Sales	% of Total Net Sales	
China	\$555,478	62	%
U.S.	82,599	9	%
Korea	66,772	7	%
Germany	59,240	7	%
Singapore	49,191	6	%
Taiwan	27,207	3	%
All others	50,164	6	%
Total	\$890,651	100	%

2013	Net Sales	% of Total Net Sales	
China	\$522,587	63	%
U.S.	72,232	9	%
Korea	68,693	8	%
Germany	45,631	6	%
Singapore	43,066	5	%
Taiwan	30,233	4	%
All others	44,404	5	%
Total	\$826,846	100	%

Major customers – No customer accounted for 10% or greater of our total net sales in 2015, 2014, and 2013.

NOTE 15 – COMMITMENTS AND CONTINGENCIES

Operating leases – We lease offices, manufacturing plants, equipment, vehicles and warehouses under operating lease agreements expiring through December 2020. Rental expense amounted to approximately \$9 million, \$10 million and \$9 million for the years ended December 31, 2015, 2014 and 2013, respectively. We do not have purchase options related to the operating lease agreements. The table below sets forth the approximate amount for future minimum lease payments under non-cancelable operating leases at December 31, 2015:

2016	\$10,387
2017	8,631
2018	6,610
2019	5,925
2020	5,408
Thereafter	8,540
	\$45,501

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

In addition, we have the following land right leases. None of the leases requires a rental payment.

Location	Term (years)	Expiration Date
Chengdu, China	50	2061
Shanghai, China	50	2056
Sangdong, China	50	2058
Shanghai, China	50	2058
Yangzhou, China	50	2065

Purchase commitments – We have entered into non-cancelable purchase contracts for capital expenditures, primarily for manufacturing equipment, for approximately \$25 million at December 31, 2015.

Contingencies - From time to time, we are involved in various legal proceedings that arise in the normal course of business. While we intend to defend any lawsuit vigorously, we presently believe that the ultimate outcome of any current pending legal proceeding will not have any material adverse effect on our financial position, cash flows or operating results. However, litigation is subject to inherent uncertainties, and unfavorable rulings could occur. An unfavorable ruling could include monetary damages, which could impact on our business and operating results for the period in which the ruling occurs or future periods. Based on information available, we evaluate the likelihood of potential outcomes. We record the appropriate liability when the amount is deemed probable and reasonably estimable. In addition, we do not accrue for estimated legal fees and other directly related costs as they are expensed as incurred. Legal proceedings that we believe are material are disclosed below.

On September 15, 2014, the United States District Court for the Eastern District of Texas issued an order regarding the putative securities class action entitled Local 731 I.B. of T. Excavators and Pavers Pension Trust Fund v. Diodes, Inc., Civil Action No. 6:13-cv-00247 (E.D. Tex. filed Mar. 15, 2013) (the “Class Action”), granting defendants’ motion to dismiss the Class Action with prejudice. On October 13, 2014, plaintiffs filed a notice of appeal to the order dismissing the Class Action to the United States Court of Appeals for the Fifth Circuit. On January 13, 2016, the Court of Appeals issued an order and opinion affirming the dismissal of the Class Action with prejudice. Plaintiffs-appellants have until April 12, 2016 to file a petition for a writ of certiorari to the United States Supreme Court. Defendants-respondents intend to continue defend this action vigorously.

On February 20, 2014, a purported stockholder derivative action was filed in the United States District Court for the Eastern District of Texas, entitled Persson v. Keh-Shew Lu, Case No. 4:14-cv-00108-RC-ALM (E.D. Tex. filed Feb. 20, 2014), on behalf of the Company against its directors, in which plaintiff alleges that the Board breached their fiduciary duties by allowing the Company to make allegedly misleading public statements in 2011 regarding the labor market in China and its impact on the Company’s business and prospects, by failing to maintain internal controls and by selling shares of Diodes stock while allegedly in possession of material nonpublic information regarding the labor market in China and its impact on the Company’s business and prospects. The complaint does not seek any damages or other relief from the Company. On April 17, 2014, the Court granted the parties’ unopposed motion to stay this action until such time that the Court rules on defendants’ motion to dismiss in the Class Action. On October 2, 2014, the

Court granted the parties' unopposed motion to extend the stay of this action until 30 days after either the expiration of the appeal period or a final decision by the highest court of appeals regarding the defendants' motion to dismiss in the Class Action. The defendants intend to defend the action vigorously.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

## NOTE 16 – BUSINESS COMBINATION

## Pericom Semiconductor Corporation

On November 24, 2015, we completed our acquisition of Pericom Semiconductor Corporation (“Pericom”) pursuant to the Agreement and Plan of Merger dated as of September 2, 2015 (the “Merger Agreement”), as amended on November 6, 2015, by Amendment No. 1 (the “Merger Agreement Amendment”). Under the Merger Agreement and the Merger Agreement Amendment and in accordance with the General Corporation Law of the State of California (1) PSI Merger Sub, Inc., a California corporation and wholly-owned subsidiary of the Company, was merged with and into Pericom, with Pericom continuing as the surviving corporation and a wholly-owned subsidiary of the Company, and (2) each outstanding share of common stock, without par value, of Pericom (other than shares owned by Pericom or certain of its affiliates or shares held by Pericom shareholders who have perfected their appraisal rights in accordance with applicable California law) was automatically converted into the right to receive \$17.75 in cash per share, without interest. The aggregate consideration was approximately \$403 million including the value of Pericom equity awards paid out or converted to Diodes equity awards pursuant to the Merger Agreement and Merger Agreement Amendment.

The table below sets forth the estimated purchase price and related costs for Pericom:

Cash consideration for shares outstanding	\$391,123
Cash consideration for vested stock awards, including taxes of \$88	7,371
Value of Diodes stock to be issued in exchange for unvested Pericom employee stock awards.	4,680
Total purchase price	\$403,174

The results of operations of Pericom are included in our consolidated financial statements from November 24, 2015. The consolidated revenue and earnings of Pericom included in our consolidated financial statements for the year ended December 31, 2015 was approximately \$15 million and \$(1) million, respectively, which include acquisition accounting adjustments. The purpose of the acquisition was to further our strategy of expanding market and growth opportunities through selected strategic acquisitions.

Under the acquisition accounting guidelines we were required to record all assets acquired and liabilities assumed at fair value, and recognize intangible assets and goodwill of the acquired business. The table below sets forth the preliminary fair value assigned to the assets and liabilities acquired in the Pericom acquisition. This preliminary purchase price allocation has been used to prepare pro forma adjustments in the pro forma condensed combined balance sheet and statements of earnings. U.S. GAAP permits companies to complete the final determination of the fair values of assets and liabilities up to one year from the acquisition date. The size and breadth of the Pericom acquisition will necessitate the use of this one year measurement period to adequately analyze and assess a number of the factors used in establishing the asset and liability fair values as of the acquisition date including (i) changes in fair values of fixed assets and inventories, (ii) changes in allocations of intangible assets such as trademarks and in process research and development and developed technology, as well as goodwill, and (iii) other changes to assets and

liabilities. The final allocation may also result in changes to amortization periods assigned to the assets. Any potential adjustments made could be material in relation to the preliminary values. A final determination of the allocation of the purchase price to the assets acquired and liabilities assumed has not been completed and the following table is considered preliminary.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

	November 24, 2015 Acquisition Method
<b>Assets acquired:</b>	
Cash and cash equivalents	\$ 48,806
Short-term investments	72,537
Accounts receivable	22,740
Inventory	22,488
Prepaid expenses and other current assets	5,793
Fixed assets	72,210
Intangible assets	156,700
Goodwill	54,304
Other long-term assets	16,069
<b>Total assets acquired</b>	<b>\$ 471,647</b>
<b>Liabilities assumed:</b>	
Accounts payable	\$ 16,925
Accrued liabilities and other	8,818
Income tax payable	1,498
Deferred tax liability	29,077
Other liabilities	12,155
<b>Total liabilities assumed</b>	<b>68,473</b>
<b>Total net assets acquired</b>	<b>\$ 403,174</b>
<b>Total net assets acquired, net of cash acquired</b>	<b>\$ 354,368</b>

The fair value of the significant identified intangible assets was estimated by using the market approach, income approach and cost approach valuation methodologies. Inputs used in the methodologies primarily included projected future cash flows, discounted at a rate commensurate with the risk involved. The total amount of intangible assets acquired subject to amortization expense was \$141 million, with a weighted-average amortization period 11.6 years. We also acquired approximately \$11 million of in process research and development. Goodwill arising from the acquisition is attributable to future income from new customer contracts, synergy of combined operations, the acquired workforce and future technology that has yet to be designed or even conceived.

We estimated the fair value of acquired receivables to be \$23 million with a gross contractual amount of \$25 million. We expected to collect substantially all of the acquired receivables. We evaluated and adjusted the acquired inventory for a reasonable profit allowance, which is intended to permit us to report only the profits normally associated with the activities following the acquisition as it relates to the work-in-progress and finished goods inventory. As such, we increased fair value of the inventory acquired from Pericom by approximately \$6 million. Subsequent to the closing date of the acquisition we expensed that increase into cost of goods sold, of which approximately \$3 million was recorded in the fourth quarter of 2015 and \$3 million will be recorded in the first quarter of 2016 as the acquired work-in-progress and finished goods inventory is sold.

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The table below sets for the unaudited pro forma consolidated results of operations for the years ended December 31, 2015 and December 31, 2014 as if the acquisition of Pericom had occurred at January 1, 2014:

	Twelve Months Ended December 31, 2015	Twelve Months Ended December 31, 2014
Net revenues	\$960,019	\$1,020,585
Net income attributable to common stockholders	\$40,180	\$52,934
Earnings per share—Basic	\$0.82	\$1.10
Earnings per share—Diluted	\$0.80	\$1.07

The unaudited pro forma consolidated results of operations do not purport to be indicative of the results that would have been obtained if the above acquisition had actually occurred as of the dates indicated or of those results that may be obtained in the future. The unaudited proforma consolidated results for December 31, 2015, exclude \$10 million of acquisition related costs and \$8 million of costs from Diodes restricted stock grants and change-in-control agreements for Pericom employees, and include additional



## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

amortization and depreciation of \$12 million, additional interest expense of \$11 million and additional income tax expense of \$1 million. These unaudited pro forma consolidated results of operations were derived, in part, from the historical consolidated financial statements of Pericom and other available information and assumptions believed to be reasonable under the circumstances. Pericom will be conformed to Diodes' reporting calendar.

## BCD Semiconductor Manufacturing Limited

On March 5, 2013, we completed the acquisition of all the outstanding ordinary shares, par value \$0.001 per share, of BCD (the "Shares"), including Shares represented by American Depositary Shares ("ADSs"), which were cancelled in exchange for the right to receive \$1.33-1/3 in cash per Share, without interest. Each ADS represented six Shares and was converted into the right to receive \$8.00 in cash, without interest. The aggregate consideration was approximately \$155 million, excluding acquisition costs, fees and expenses. In addition, a \$5 million retention plan for BCD employees, payable at the 12, 18 and 24 month anniversaries of the acquisition, was established. The employee retention plan was intended to benefit us and not the selling shareholders, and therefore was excluded from the determination of the purchase price. The acquisition was funded by drawings on our revolving senior credit facility. The purchase price for BCD and related costs were estimated as follows:

Purchase price (cost of shares)	\$	154,735
Acquisition related costs (included in selling, general and administrative expenses)		2,075
Total purchase price	\$	156,810

The results of operations of BCD are included in the consolidated financial statements from March 1, 2013. The consolidated revenue and earnings of BCD included in our consolidated financial statements for the year ended December 31, 2013 were approximately \$155 million and \$6 million, respectively, which include acquisition accounting adjustments. The purpose of the acquisition was to further our strategy of expanding market and growth opportunities through select strategic acquisitions.

Under the accounting guidance for step acquisitions, we were required to record all assets acquired and liabilities assumed at fair value, and recognize goodwill of the acquired business. The step acquisition guidelines also require us to remeasure the preexisting investment in BCD at fair value, and recognize any gains or losses from such remeasurement. The fair value of our interest immediately before the closing date was \$7 million, which resulted in us recognizing a non-cash gain of approximately \$4 million within other income (expense) for the year ended December 31, 2013. The shares of BCD common stock were valued under the fair value hierarchy as a Level 1 Input.

The following summarizes the allocation of the purchase price to the fair value of the assets acquired and liabilities assumed at the date of acquisition:

	March 1, 2013 Acquisition Method
Assets acquired:	
Cash and cash equivalents	\$ 29,819
Accounts receivable, net	20,862
Inventory	42,909
Prepaid expenses and other current assets	27,205
Property, plant and equipment, net	99,390
Deferred tax assets	1,612
Other long-term assets	5,497
Other intangible assets	17,200
Goodwill	2,518
Total assets acquired	\$ 247,012

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

Liabilities assumed:	
Lines of credit	\$17,336
Accounts payable	34,758
Accrued liabilities and other	16,703
Deferred tax liability	5,055
Other liabilities	18,425
Total liabilities assumed	92,277
Total net assets acquired, net of cash acquired	\$154,735

The fair value of the significant identified intangible assets was estimated by using the market approach, income approach and cost approach valuation methodologies. Inputs used in the methodologies primarily included projected future cash flows, discounted at a rate commensurate with the risk involved. The total amount of intangible assets acquired subject to amortization expense was \$17 million, which had a residual value of zero and weighted-average amortization period of 6 years. Goodwill arising from the acquisition is attributable to future income from new customer contracts, synergy of combined operations, the acquired workforce and future technology that has yet to be designed or even conceived. In addition, goodwill is not deductible for income tax purposes.

We estimated the fair value of acquired receivables to be \$21 million with a gross contractual amount of \$21 million. We expected to collect substantially all of the acquired receivables. We evaluated and adjusted the acquired inventory for a reasonable profit allowance, which is intended to permit us to report only the profits normally associated with the activities following the acquisition as it relates to the work-in-progress and finished goods inventory. As such, we increased the inventory acquired from BCD by approximately \$5 million, and recorded that increase into cost of goods sold, of which approximately \$2 million was recorded in the first quarter of 2013 and \$3 million was recorded in the second quarter of 2013 as the acquired work-in-progress and finished goods inventory was sold.

The following unaudited pro forma consolidated results of operations for the year ended December 31, 2013 have been prepared as if the acquisition of BCD had occurred at January 1, 2012:

	Twelve Months Ended December 31, 2013
Net revenues	\$847,947
Net income attributable to common stockholders	\$25,513
Earnings per share—Basic	\$0.55
Earnings per share—Diluted	\$0.54

The unaudited pro forma consolidated results of operations do not purport to be indicative of the results that would have been obtained if the above acquisition had actually occurred as of the dates indicated or of those results that may

be obtained in the future. These unaudited pro forma consolidated results of operations were derived, in part, from the historical consolidated financial statements of BCD and other available information and assumptions believed to be reasonable under the circumstances.

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## DIODES INCORPORATED AND SUBSIDIARIES

## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Table amounts in thousands except per share data)

## NOTE 17 – SELECTED QUARTERLY FINANCIAL DATA (Unaudited)

	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<b>2015</b>				
Net sales	\$206,182	\$219,453	\$208,888	\$214,381
Gross profit	63,913	69,437	61,636	53,597
Net income attributable to common shareholders	11,132	15,078	2,837	(4,773 )
Earnings per share attributable to common shareholders				
Basic	\$0.23	\$0.31	\$0.06	\$(0.10 )
Diluted	\$0.23	\$0.31	\$0.06	\$(0.10 )
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
<b>2014</b>				
Net sales	\$209,986	\$223,217	\$233,777	\$223,671
Gross profit	61,581	70,304	74,732	70,662
Net income attributable to common shareholders	10,202	17,385	19,427	16,665
Earnings per share attributable to common shareholders				
Basic	\$0.22	\$0.37	\$0.41	\$0.35
Diluted	\$0.21	\$0.36	\$0.40	\$0.34

Note: The sum of the quarterly earnings per share may not equal the full year amount, as the computations of the weighted average number of common shares outstanding for each quarter and for the full year are performed independently.

During the fourth quarter of 2014, we acquired Pericom Semiconductor Corporation. See Note 16 above for additional information.



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Director

/s/ Keh-Shew Lu  
KEH-SHEW LU  
Director

/s/ Michael K.C. Tsai  
MICHAEL K.C. TSAI  
Director

Director

/s/ John M. Stich  
JOHN M. STICH  
Director

## INDEX TO EXHIBITS

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
3.1	Certificate of Incorporation, as amended.	10-Q	May 10, 2013	3.1	
3.2	Amended By-laws of the Company dated January 6, 2016	8-K	January 11, 2016	3.1	
4.1	Form of Certificate for Common Stock, par value \$0.66 2/3 per share	S-3	August 25, 2005	4.1	
10.1	Kaihong Joint Venture Agreement between the Company and Mrs. J.H. Xing	10-K	April 1, 1996	10.17	
10.2	Sale and Leaseback Agreement between Shanghai Kaihong Electronic Co., Ltd. and Shanghai Ding Hong Company, Ltd.	10-Q	May 15, 2002	10.46	
10.3	Lease Agreement between Shanghai Kaihong Electronic Co., Ltd. and Shanghai Ding Hong Company, Ltd.	10-Q	May 15, 2002	10.47	
10.4	Lease Agreement for Plant #2 between Shanghai Kaihong Electronic Co., Ltd. and Shanghai Ding Hong Electronic Equipment Limited	10-Q	August 9, 2004	10.52	
10.5	Amendment to The Sale and Lease Agreement dated as January 31, 2002 with Shanghai Ding Hong Electronic Co., Ltd.	10-Q	August 9, 2004	10.56	
10.6	Lease Agreement between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	August 9, 2004	10.57	
10.7	Supplementary to the Lease agreement dated as September 30, 2003 with Shanghai Ding Hong Electronic Co., Ltd.	10-Q	August 9, 2004	10.58	
10.8*	Employment agreement between the Company and Mark King, dated August 29, 2005	8-K	September 2, 2005	10.2	
10.9*	Employment agreement between the Company and Joseph Liu, dated August 29, 2005	8-K	September 2, 2005	10.3	
10.10*	Form of Indemnification Agreement between the Company and its directors and executive officers.	8-K	September 2, 2005	10.5	
10.11	Wafer purchase Agreement dated January 10, 2006 between Diodes Taiwan Inc. and Lite-On Semiconductor Corporation	8-K	January 12, 2006	2.1	



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10.12	Supplementary to the Lease Agreement dated on September 5, 2004 with Shanghai Ding Hong Electronic Co., Ltd.	10-Q	May 10, 2006	10.14
10.13	Supplementary to the Lease Agreement dated on June 28, 2004 with Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	May 10, 2006	10.15
10.14	Agreement on Application, Construction and Transfer of Power Facilities, dated as of March 15, 2006, between the Company and Shanghai Yahong Electronic Co., Ltd	10-Q	May 10, 2006	10.16
10.15	Amended and Restated Lease Agreement dated as of September 1, 2006, between Diodes FabTech Inc. with Townsend Summit, LLC	8-K	October 11, 2006	10.1

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.16*	Deferred Compensation Plan effective January 1, 2007	8-K	January 8, 2007	99.1	
10.17	A Supplement dated January 1, 2007 to the Lease Agreement on Disposal of Waste and Scraps between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-K	February 29, 2008	10.50	
10.18	A Supplement dated January 1, 2007 to the Lease Agreement on Disposal of Waste and Scraps between Shanghai Kaihong Electronic Co., Ltd. and Shanghai Ding Hong Electronic Co., Ltd	10-K	February 29, 2008	10.51	
10.19	Supplementary Agreement dated December 31, 2007 to the Lease Agreement dated June, 28, 2004 for Leasing Diodes Shanghai New Building's Fourth and Fifth Floor between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-K	February 29, 2008	10.53	
10.20	Accommodation Building Fourth and Fifth Floor Lease Agreement dated December 31, 2007 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Co., Ltd.	10-K	February 29, 2008	10.54	
10.21	Fourth Floor of the Accommodation Building Lease Agreement dated January 1, 2008, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Co., Ltd.	10-Q	August 11, 2008	10.5	
10.22	Factory Building Lease Agreement dated March 1, 2008 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co. Ltd.	10-Q	August 11, 2008	10.6	
10.23	Supplemental Agreement to the Factory Building Lease Agreement dated as of August 11, 2008 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	November 7, 2008	10.2	
10.24	Distributorship Agreement dated November 1, 2008 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Keylink Logistic Co., Ltd.	10-K	February 26, 2009	10.83	
10.25	Lease Facility Safety Management Agreement dated December 31, 2008 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronic Co., Ltd.	10-K	February 26, 2009	10.84	

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10.26	Company's 2001 Omnibus Equity Incentive Plan, as amended December 22, 2008	10-K	February 26, 2009	10.87
10.27*	Company's Deferred Compensation Plan Effective January 1, 2007, as amended December 22, 2008	10-K	February 26, 2009	10.88

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.28	Second Supplemental Agreement to the Factory Building Lease Agreement dated August 19, 2009 between  Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	November 16, 2009	10.1	
10.29	Employment Agreement dated as of September 22, 2009, between the Company and Keh-Shew Lu	8-K	September 28, 2009	99.1	
10.30	Consulting Agreement dated January 1, 2009, between Diodes Incorporated and Keylink International (B.V.I.) Co., Ltd.	10-Q	May 8, 2009	10.1	
10.31	Power Facility Construction Agreement dated October 29, 2009 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Co., Ltd.	10-K	March 1, 2010	10.97	
10.32	First Amendment to the DSH #2 Building Lease Agreement dated December 31, 2009 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronics Co., Ltd.	10-K	March 1, 2010	10.98	
10.33	Construction Project Contract between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronic Co., Ltd.	10-Q	May 7, 2010	10.2	
10.34	Third Floor of the Accommodation Building Lease Agreement, dated April 12, 2010, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Co., Ltd.	10-Q	May 7, 2010	10.3	
10.35	Second Floor of the Accommodation Building Lease Agreement, dated September 1, 2010, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Company Limited.	10-Q	November 9, 2010	10.1	
10.36***	Investment Cooperation Agreement effective as of September 10, 2010, between Diodes Hong Kong Holding Company Limited and the Management Committee of the Chengdu Hi-Tech Industrial Development Zone.	8-K	September 16, 2010	99.1	
10.37***	Supplementary Agreement to the Investment Cooperation Agreement effective as of September 10, 2010, between Diodes Hong Kong Holding Company Limited and the Management Committee of the Chengdu Hi-Tech Industrial Development Zone.	8-K	September 16, 2010	99.2	

10.38***	Joint Venture Agreement effective as of November 5, 2010 between Diodes Hong Kong Holding Company Limited and Chengdu Ya Guang Electronic Company Limited.	8-K	November 12, 2010	99.1
10.39	Joint Venture Agreement Supplement Concerning the Establishment of Diodes Technology (Chengdu) Company Limited effective as of November 5, 2010, between Diodes Hong Kong Holding Company Limited and Chengdu Ya Guang Electronic Company Limited.	8-K	November 12, 2010	99.2

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.40	Second Amendment to the DSH #2 Building Lease Agreement, dated November 15, 2010, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronics Company Limited.	10-K	February 28, 2012	10.112	
10.41	Power Facility Expansion Construction Contract, dated January 24, 2011, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronics Company Limited.	10-K	February 28, 2011	10.113	
10.42	First Floor of the Accommodation Building Agreement, dated June 1, 2011, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Company Limited.	10-Q	November 9, 2011	10.1	
10.43	Third Floor of the Dormitory Building Lease Agreement, dated July 1, 2011, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Ding Hong Electronic Company Limited.	10-Q	November 9, 2011	10.2	
10.44	Third Supplemental Agreement to the Factor Building Lease Agreement, dated May 16, 2011, between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Hao Electronic Company Limited.	10-Q	November 9, 2011	10.3	
10.45	Supplemental Agreement to the Power Facility Construction Agreement, dated March 21, 2011, between Shanghai Kai Hong Technology Company Limited and Shanghai Yuan Hao Electronic Company Limited.	10-Q	August 9, 2011	10.1	
10.46	Credit Agreement, dated March 21, 2011, between Mega International Commercial Bank and Diodes Taiwan Inc.	10-Q	August 9, 2011	10.2	
10.47	Plating Process Agreement made and entered into among Shanghai Kaihong Electronic Co., Ltd., Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology), Diodes Shanghai, Shanghai Ding Hong Electronic Co., Ltd. and Shanghai Micro-Surface Co., Ltd.	10-K	February 29, 2008	10.52	
10.48	Construction Design Consulting Agreement between Diodes Technology (Chengdu) Company Limited and Lite-On Technology Corporation.	10-Q	August 9, 2012	10.1	
10.49	Diodes Zetex Pension Scheme Recovery plan, dated February 28, 2012, between Trustees of the Diodes Zetex Pension Scheme and Diodes Zetex Limited	10-Q	August 9, 2012	10.2	

10.50	Diodes Zetex Pension Scheme Schedule of contributions, dated March 28, 2012, between Trustees of the Diodes Zetex Pension Scheme and Diodes Zetex Limited	10-Q	August 9, 2012	10.3
10.51	Framework Agreement, dated March 26, 2012, among Diodes Zetex Limited, Diodes Zetex Semiconductors Limited, Diodes Incorporated, HR Trustees Limited, and Trustees	10-Q	August 9, 2012	10.4
10.52	Guarantee, dated March 26, 2012, among Diodes Zetex Semiconductors Limited, Diodes Zetex Limited, HR Trustees Limited, and Trustees	10-Q	August 9, 2012	10.5

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.53	Diodes Zetex Pension Scheme Information Protocol, dated April 10, 2012, among Diodes Zetex Limited, Diodes Zetex Semiconductors Limited, the Company, HR Trustees Limited and Trustees	10-Q	August 9, 2012	10.6	
10.54	Legal Charge, dated March 26, 2012, among Zetex Semiconductors Limited, HR Trustees Limited, and Trustees	10-Q	August 9, 2012	10.7	
10.55***	Credit Agreement, dated January 8, 2013, by and among the Company, Diodes International B.V., Diodes Investment Company, Diodes FabTech Inc., Diodes Holdings UK Limited, Diodes Zetex Limited, Bank of America, N.A., as Administrative Agent, Swing Line Lender and L/C Issuer, and the other Lenders party thereto.	8-K	January 11, 2013	99.1	
10.56	Agreement and Plan of Merger by and among the Company, Diodes Cayman Islands Company Limited and BCD Semiconductor Manufacturing Limited, dated as of December 26, 2012.	10-K	February 27, 2013	10.74	
10.57	Second Supplementary Agreement, dated as of January 23, 2013, to the Investment Cooperation Agreement effective as of September 10, 2010, by and among Diodes Hong Kong Holding Company Limited, Diodes (Shanghai) Investment Company Limited, Diodes Technology (Chengdu) Company Limited, and the Management Committee of the Chengdu Hi-Tech Industrial Development Zone	10-K	February 27, 2013	10.75	
10.58	DSH #2 Building Lease Agreement dated as of January 28, 2013 between Diodes Shanghai Co., Ltd. (a/k/a Shanghai Kaihong Technology) and Shanghai Yuan Howe Electronics Co., Ltd.	10-K	February 27, 2013	10.76	
10.59*	Diodes Incorporated 2013 Equity Incentive Plan	S-8	June 13, 2013	99.1	
10.60*	Form of Incentive Stock Option Agreement for the Diodes Incorporated 2013 Equity Incentive Plan	S-8	June 13, 2013	99.2	
10.61*	Form of Stock Unit Agreement for the Diodes Incorporated 2013 Equity Incentive Plan	S-8	June 13, 2013	99.4	
10.62*	Form of Nonstatutory Stock Option Agreement for the Diodes Incorporated 2013 Equity Incentive Plan, as amended (Domestic Version)	10-K	February 27, 2014	10.80	



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10.63*	Form of Nonstatutory Stock Option Agreement for the Diodes Incorporated 2013 Equity Incentive Plan  (International Version)	10-K	February 27, 2014	10.81
10.64*	Form of Restricted Stock Agreement for the Diodes Incorporated 2013 Equity Incentive Plan, as amended (Domestic Version)	10-K	February 27, 2014	10.82
10.65*	Form of Restricted Stock Agreement for the Diodes Incorporated 2013 Equity Incentive Plan (International Version)	10-K	February 27, 2014	10.83

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.66	Supplement Agreement to Lease Agreement dated September 2013 between Shanghai Kaihong Electronic Co., Ltd and Shanghai Ding Hong Electronic Co., Ltd.	10-Q	November 12, 2013	10.6	
10.67	Construction Design Consulting Assignment Agreement Supplemental Agreement between Diodes Technology (Chengdu) Company Limited and Lite-On Technology Corporation	10-Q	August 8, 2013	10.1	
10.68	Procurement Agreement, dated May 3, 2013, between Diodes Taiwan Inc. and Lite-On Technology Corporation	10-Q	August 8, 2013	10.2	
10.69	Share Transfer Memorandum of Understanding, date June 18, 2013, among Diodes Incorporated, Chengdu Ya Guang Electronic Engineering Factory, and Zetex Chengdu Electronics Limited	10-Q	August 8, 2013	10.3	
10.70*	Confirmation Agreement, dated April 1, 2013, by and between Diodes Incorporated and Dr. Keh-Shew Lu	8-K	April 3, 2013	99.1	
10.71	Plating Process Agreement between Zetex (Chengdu) Electronic Company Limited and Diodes Technology (Chengdu) Company Limited, dated February 8, 2013	10-Q	May 10, 2013	10.1	
10.72	Equity Transfer Agreement, dated April 2014, between Chengdu Ya Guang Electronic Engineering Factory and Diodes (Shanghai) Investment Company Limited	10-Q	May 9, 2014	10.2	
10.73	Equity Transfer Agreement Amendment, dated April 2014, between Chengdu Ya Guang Electronic Engineering Factory and Diodes (Shanghai) Investment Company Limited	10-Q	May 9, 2014	10.3	
10.74	Fourth Supplemental Agreement to the Factory Building Lease Agreement, dated April 23, 2014, between Shanghai Kaihong Technology Co., Ltd. and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	May 9, 2014	10.4	
10.75	Plating Processing Agreement, dated February 28, 2014, between Zetex (Chengdu) Electronic Company Limited and Diodes Technology (Chengdu) Company Limited	10-Q	May 9, 2014	10.5	
10.76	Framework Agreement, dated 2014, among Diodes Zetex Limited, Diodes Zetex Semiconductors Limited, the Company, HR Trustees Limited, and Trustees	10-Q	May 9, 2014	10.6	

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10.77*	Stock Award Agreement, dated as of September 22, 2009, between the Company and Keh-Shew Lu	10-Q	May 9, 2014	10.7
10.78	Amended Consulting Agreement dated as of January 1, 2015 between Diodes Incorporated and Keylink International (B.V.I) Co., Ltd.	10-K	March 2, 2015	10.78
10.79	Chemical Warehouse Lease Agreement, dated November 1, 2014 between Shanghai Kaihong Electronic Co., Ltd. and Shanghai Ding Hong Electronic Co., Ltd.	10-K	March 2, 2015	10.79

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
10.80	Chemical Warehouse Lease Agreement between Diodes Shanghai Co., Ltd. and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	November 5, 2015	10.1	
10.81	Fifth Supplemental Facility Lease Agreement between Diodes Shanghai Co., Ltd. and Shanghai Yuan Hao Electronic Co., Ltd.	10-Q	November 5, 2015	10.2	
10.82	Amendment No. 2 to Credit Agreement and Amendment No. 1 to Collateral Agreement, dated as of June 19, 2015, between Diodes Incorporated, Diodes International B.V., and Bank of America, N.A. and other participating lenders.	8-K	June 24, 2015	99.1	
10.83	Amendment No. 3 to Credit Agreement, Incremental Term Assumption Agreement, Limited Waiver and Consent Collateral Agreement, dated as of September 2, 2015, between Diodes Incorporated, Diodes International B.V., and Bank of America, N.A. and other participating lenders	8-K	September 3, 2015	10.1	
10.84	Employment Agreement dated as of July 21, 2015, between the Company and Keh-Shew Lu*	8-K	July 27, 2015	99.1	
10.85***	Stock Unit Agreement dated as of July 21, 2015, between the Company and Keh-Shew Lu*	8-K	July 27, 2015	99.3	
10.86	Amendment No. 1 to Agreement and Plan of Merger, dated November 6, 2015, among Diodes Incorporated, PSI Merger Sub, Inc. and Pericom Semiconductor Corporation	8-K	November 9, 2015	2.1	
10.87	Agreement and Plan of Merger, dated as of September 2, 2015, by and among Pericom Semiconductor Corporation, PSI Merger Sub, Inc., and Diodes Incorporated.	8-K	September 3, 2015	2.1	
14**	Code of Ethics for Chief Executive Officer and Senior Financial Officers				
21	Subsidiaries of the Registrant				X
23.1	Consent of Independent Registered Public Accounting Firm				X
31.1	Certification Pursuant to Rule 13a-14(a) of the Securities Exchange Act of 1934, adopted pursuant to Section 302 of the Sarbanes- Oxley Act of 2002				X
31.2					X

Certification Pursuant to Rule 13a-14(a) of the Securities  
Exchange Act of 1934, adopted pursuant to Section 302 of the  
Sarbanes-Oxley Act of 2002

32.1****	Certification Pursuant to 18 U.S.C. adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	X
32.2****	Certification Pursuant to 18 U.S.C. adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002	X
101.INS	XBRL Instance Document	X
101.SCH	XBRL Taxonomy Extension Schema	X
101.CAL	XBRL Taxonomy Extension Calculation Linkbase	X

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## INDEX TO EXHIBITS (continued)

Number	Description	Form	Date of First Filing	Exhibit Number	Filed Herewith
101.LAB	XBRL Taxonomy Extension Labels Linkbase				X
101.DEF	XBRL Taxonomy Extension Definition Linkbase				X
101.PRE	XBRL Taxonomy Extension Presentation Linkbase				X

\*Constitute management contracts, or compensatory plans or arrangements, which are required to be filed pursuant to Item 601 of Regulation S-K.

\*\*Provided in the Corporate Governance portion of the Investor Relations section of the Company's website at <http://www.diodes.com>.

\*\*\*Confidential treatment has been requested with respect to the omitted portions of these exhibits, which portions have been filed separately with the Securities and Exchange Commission.

\*\*\*\*A certification furnished pursuant to Item 601 of the Regulation S-K will not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liability of that section. Such certification will not be deemed to be incorporated by reference into any filing under the Securities Act of 1933, as amended, or the Exchange Act, except to the extent that the registrant specifically incorporates it by reference.

PLEASE NOTE: It is inappropriate for investors to assume the accuracy of any covenants, representations or warranties that may be contained in agreements or other documents filed as exhibits to this Annual Report on Form 10-K. In certain instances the disclosure schedules to such agreements or documents contain information that modifies, qualifies and creates exceptions to the representations, warranties and covenants. Moreover, some of the representations and warranties may not be complete or accurate as of a particular date because they are subject to a contractual standard of materiality that is different from those generally applicable to stockholders or were used for the purpose of allocating risk among the parties rather than establishing certain matters as facts. Accordingly, you should not rely on the representations and warranties as characterizations of the actual state of facts at the time they were made or otherwise.